Temperature Profiles for 29 Lakes in the Experimental Lakes Area, Northwestern Ontario 1968-1983. Part 1

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May 1984

Canadian Data Report of Fisheries and Aquatic Sciences No. 452

84- 3581 /

Canadian Data Report of Fisheries and Aquatic Sciences

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Canadian Data Report of

Fisheries and Aquatic Sciences 452

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TEMPERATURE PROFILES FOR 29 LAKES IN THE EXPERIMENTAL LAKES AREA, NORTHWESTERN ONTARIO, 1968-1983.

PART I

by

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This is the 64th Data Report

from the Western Region, Winnipeg

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Cat. no. Fs 97-13/452 ISSN 0706-6465

Correct citation for this publication is:

Cruikshank, D.R. 1984. Temperature profiles for 29 lakes in the Experimental Lakes Area, northwestern Ontario, 1968-1983. Can. Data Rep. Fish. Aquat. Sci. 452: iv + 519 p. (Bound in two parts)

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ABSTRACT

Cruikshank, D.R. 1984. Temperature profiles for 29 lakes in the Experimental Lakes Area, northwestern Ontario, 1968-1983. Can. Data Rep. Fish. Aquat. Sci. 452: iv + 519 p. (Bound in two parts)

Over 2 100 temperature profiles of 29 lakes in the Experimental Lakes Area in northwestern Ontario are presented. This report also includes data on secchi depths, water colour, planar thermoclines, weather descriptions and inflow/outflow temperatures.

Key words: temperature profiles; secchi depths; thermocline.

RESUME

Cruikshank, D.R. 1984. Temperature profiles for 29 lakes in the Experimental Lakes Area, northwestern Ontario, 1968-1983. Can. Data Rep. Fish. Aquat. Sci. 452: iv + 519 p. (Bound in two parts)

Le présent rapport comprend plus de 2 100 profils de température tirés de 29 lacs dans la Région des Lacs Expérimentaux du Nord-Ouest ontarien. On y trouve également des données sur les profondeurs Secchi, la couleur de l'eau, les thermoclines planaires, la météo et la température de l'eau à l'entrée et à la sortie des lacs.

Mots-clés: profils de température; profondeurs Secchi; thermocline.

INTRODUCTION

Temperature profiles of the Experimental Lakes Area (ELA) lakes have been measured on a regular basis since 1968. Temperature profiles are usually measured during the morning collection of lake water chemistry profiles or zooplankton samples. In this report, the water temperature profiles of 29 lakes along with any data for secchi depths, water colour, planar thermocline, epilimnion depth, weather descriptions, and inflow/outflow temperatures are presented. Almost half of the lakes have 8-16 years of data and three have complete data sets from 1969 to 1983.

Most lakes stratify by mid-May with stable summer thermal regimes appearing by July (Cruikshank 1984). The stratification begins to break down by mid-September. Most ELA lakes don't completely turnover in spring. Others (223, 224, 228, 239, 261, 302) have only full turnovers while some (120, 227, 230, 383) never or seldom turnover. Smaller lakes may have some ice cover by late October with most freezing in mid-November and melting in late April to early May. Winter temperature profiles for several lakes are presented.

The winter profiles were textbook examples with surface temperatures under the ice depressed and the remaining water column was isothermal at approximately 4°C. Winter profiles were not taken from 1975 to 1983.

In this report just over 2 100 temperature profiles are presented.

METHODS

Temperature profiles of ELA lakes from 1968 to 1983 were taken using Montedoro-Whitney Models TC-5A or TC-5C thermistors. In 1983 most profiles were taken using a Flett Research Mark II Digital Telethermometer. All readings have been corrected using a calibration curve that was calculated by using a mercury thermometer (0.05°C accuracy). Profiles were obtained by starting at the surface and taking temperature readings at one metre intervals. If the temperature difference between successive metre depths exceeded 1°C, measurements were taken every quarter metre until the difference between metre depths was less than 1°C.

Inflow, outflow and air temperatures were taken with a pocket thermometer. Weather descriptions are subjective and vary between observers. Secchi depths were measured on the shadow side of the boat during the morning. The secchi disc was lowered until it disappeared. The depth at which it reappeared was recorded. The water colour was fairly subjective but was defined as the colour of water against the white background of the secchi disc at 1/2 the recorded secchi depth. Epilimnion depth was calculated as the point in the water column where temperature began to decrease at a rate greater than 1°C per metre. Planar thermocline was calculated as the point where the change in temperature per metre depth was greatest.

All calculations and printouts were done by a Hewlett Packard Model 87XM computer.

ACKNOWLEDGMENTS

I would like to thank D.W. Schindler, Russ Schmidt, Ron Reid, Eric Matheson and John Penny, all of whom supervised the collection of field data for part of the 16 year period. I would also like to thank Ralph Scerbo, Susan Kasian and Everett Fee for their help in computer programming and Lillian Wilson who typed this report.

REFERENCES

CRUIKSHANK, D.R. 1984. The relationship of summer thermocline depth to several physical characteristics of lakes. Can. Tech. Rep. Fish. Aquat. Sci. 1248: iv + 33 p.

APPENDIX 1

All temperatures in degrees Celsius (°C)

All depths in metres (m)

Air temperatures are accurate to 1°C and water temperatures to 0.05°C.

In printouts where day of month = 0 it is actually the last day of the previous month ie. 0 Sept, 74 is 31 Aug, 74.

****

Lake # 103 10 SEP 73 (Day 253) Time: 15 00 CDT
Air Temperature: 22 (C) Wind: 24 - 32 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.1 (C)
Epilimnion Temperature: 17.2 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.25 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.10	2.00	16.00	3.50	13.60
1.00	17.20	3.00	15.20		

****

Lake # 103 26 SEP 73 (Day 269) Time: 14 00 CDT
Air Temperature: 13.8 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.9 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.4 (C)
Epilimnion Temperature: 11.1 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 0.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.40	2.00	10.60	3.50	10.40
1.00	11.10	3.00	10.40		

****

Lake # 103 1 NOV 73 (Day 305) Time: 09 30 CST
Air Temperature: 4.4 (C) Wind: 0 - 3 KMPH
Cloud Cover: 8 /10 Weather Description: SNOW
Secchi Visibility: 2 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.8 (C)
Epilimnion Temperature: 5.8 (C) Epilimnion Depth (1 C/M): 3 (M)
Planar-Thermocline : .25 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.80	1.00	5.80	3.00	5.80
0.50	5.80	2.00	5.80		

****

Lake # 103 19 DEC 73 (Day 353) Time: 13 30 CST
Air Temperature: -15 (C) Wind: -
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 3.1 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.50	2.00	3.95	3.40	4.60
1.00	3.10	3.00	4.50		

****

Lake # 103 24 JAN 74 (Day 24) Time: 09 15 CST
Air Temperature: -20.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description: CLEAR & COLD
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 2.1 (C) Epilimnion Depth (1 C/M): .625 (M)
Planar-Thermocline : .625 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.40	2.00	3.20	3.60	4.70
1.00	2.10	3.00	4.20		

****

Lake # 103 27 FEB 74 (Day 58) Time: 14 00 CST
Air Temperature: -6.6 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .9 (C)
Epilimnion Temperature: 1.7 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.90	2.00	2.50	3.25	4.80
1.00	1.70	3.00	4.20		

****

Lake # 103 2 APR 74 (Day 92) Time: 14 00 CST
Air Temperature: -1.1 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .7 (C)
Epilimnion Temperature: 1.3 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.70	2.00	3.40	3.00	4.20
1.00	1.30				

****

Lake # 103 15 MAY 74 (Day 135) Time: 09 30 CST
Air Temperature: 14 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.15 (C)
Epilimnion Temperature: 6.48 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.850 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.15	2.00	5.85	3.50	5.00
1.00	6.48	3.00	5.00		

****

Lake # 103 12 JUN 74 (Day 163) Time: 13 30 CDT
Air Temperature: 21.1 (C) Wind: 8 - 16 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.9 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.4 (C)
Epilimnion Temperature: 16.52 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 2.25 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.40	2.00	12.60	3.00	8.35
1.00	16.52	2.50	9.00	3.50	7.62
1.50	13.95				

****

Lake # 103 10 JUL 74 (Day 191) Time: 14 00 CDT
Air Temperature: 26.6 (C) Wind: 0 - 3 KMPH
Cloud Cover: 6 /10 Weather Description: WIND VARIES
Secchi Visibility: 2.2 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 25.12 (C)
Epilimnion Temperature: 24.7 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.25 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.12	2.00	18.55	3.00	11.20
1.00	24.70	2.50	13.20	3.40	10.65

Lake # 103 7 AUG 74 (Day 219) Time: 09 15 CDT
Air Temperature: 23.8 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.1 (M)
Inflow Temperature:
Surface Temperature: 21.89 (C)
Epilimnion Temperature: 21.19 (C)
Planar-Thermocline : 2.875 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.89	2.25	18.10	3.00	14.75
1.00	21.19	2.50	17.30	3.25	13.61
2.00	18.59	2.75	16.55		

Lake # 103 4 SEP 74 (Day 247) Time: 09 00 CDT
Air Temperature: 18.3 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 18.75 (C)
Epilimnion Temperature: 17.9 (C)
Planar-Thermocline : 3.375 (M)

Wind: -
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: 1.867 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.75	2.00	17.75	3.75	15.55
1.00	17.90	3.00	16.95		

Lake # 103 0 OCT 74 (Day 273) Time: 09 30 CDT
Air Temperature: -1.1 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.75 (M)
Inflow Temperature:
Surface Temperature: 8.3 (C)
Epilimnion Temperature: 8.39 (C)
Planar-Thermocline : 2.5 (M)

Wind: 8 - 16 KMPH
Weather Description: SNOWFALL
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.75 (M)
Change at Planar-Thermo: 0.390 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.30	2.00	8.39	3.75	8.00
1.00	8.39	3.00	8.00		

Lake # 103 29 MAY 75 (Day 149) Time: 09 00 CDT
Air Temperature: 19.6 (C)
Cloud Cover: 5 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 18.25 (C)
Epilimnion Temperature: 17.75 (C)
Planar-Thermocline : 1.75 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: 7.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.25	1.50	15.17	2.50	8.04
0.50	18.09	2.00	11.39	3.00	6.71
1.00	17.75				

****

Lake # 103 26 JUN 75 (Day 177) Time: 09 00 CDT
Air Temperature: 24.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.26 (C)
Epilimnion Temperature: 19.47 (C) Epilimnion Depth (1 C/M): .75 (M)
Planar-Thermocline : .75 (M) Change at Planar-Thermo: 7.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.26	1.50	16.51	2.50	10.72
0.50	22.97	2.00	13.60	3.00	9.10
1.00	19.47				

****

Lake # 103 24 JUL 75 (Day 205) Time: 08 45 CDT
Air Temperature: 17 (C) Wind: 3 - 8 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 1.1 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.14 (C)
Epilimnion Temperature: 21.05 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 1.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.14	1.75	16.37	3.00	10.29
1.00	21.05	2.00	13.78	3.50	10.23
1.50	18.04	2.50	12.38		

****

Lake # 103 21 AUG 75 (Day 233) Time: 08 25 CDT
Air Temperature: 15 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: WIND VARIES
Secchi Visibility: 1.1 (M) Water Color: DARK -ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.42 (C)
Epilimnion Temperature: 17.46 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 5.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.42	2.00	17.10	3.50	11.98
1.00	17.46	3.00	11.66		

****

Lake # 103 18 SEP 75 (Day 261) Time: 09 00 CDT
Air Temperature: 14 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.3 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.51 (C)
Epilimnion Temperature: 13.33 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 1.420 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.51	2.00	11.91	3.50	10.80
1.00	13.33	3.00	10.95		

****

Lake # 103 16 OCT 75 (Day 289) Time: 09 30 CDT
Air Temperature: 6 (C) Wind: -
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.2 (C)
Epilimnion Temperature: 6.1 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.20	2.00	6.10	3.50	6.00
1.00	6.10	3.00	6.00		

****

Lake # 109 30 MAY 83 (Day 150) Time: 10 00 CDT
Air Temperature: 12 (C)
Cloud Cover: 8 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 12.95 (C)
Epilimnion Temperature: 12.95 (C)
Planar-Thermocline : 4.125 (M)

Wind: E 10 - 20 KMPH
Weather Description: CLOUDY
Water Color: TURQ -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.95	4.50	11.00	6.00	9.10
1.00	12.95	4.75	10.80	7.00	8.50
2.00	12.95	5.00	10.45	8.00	8.00
3.00	12.90	5.25	10.05	9.00	7.80
4.00	12.80	5.50	9.80	10.00	7.80
4.25	11.10	5.75	9.35		

Lake # 109 27 JUN 83 (Day 178) Time: 09 45 CDT
Air Temperature: 15 (C)
Cloud Cover: 0 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 19.4 (C)
Epilimnion Temperature: 19.4 (C)
Planar-Thermocline : 5.875 (M)

Wind: NE 10 - 20 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Thermo: 5.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.40	4.25	15.95	6.25	10.55
1.00	19.40	4.50	15.30	6.50	10.25
2.00	19.40	4.75	14.65	6.75	9.60
3.00	19.30	5.00	13.85	7.00	9.45
3.25	19.20	5.25	13.40	8.00	8.65
3.50	19.15	5.50	12.60	9.00	8.25
3.75	17.90	5.75	12.85	10.00	7.85
4.00	16.70	6.00	11.40		

****

Lake # 109 15 JUN 83 (Day 166) Time: 10 20 CDT
Air Temperature: 13 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 18.1 (C)
Epilimnion Temperature: 18 (C)
Planar-Thermocline : 3.375 (M)

Wind: NE 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.10	4.25	15.00	6.25	10.50
1.00	18.00	4.50	14.50	6.50	10.10
2.00	17.90	4.75	14.00	6.75	9.90
3.00	17.40	5.00	13.40	7.00	9.50
3.25	.	5.25	12.90	8.00	8.90
3.50	16.20	5.50	12.20	9.00	8.60
3.75	15.90	5.75	11.60	10.00	8.10
4.00	15.40	6.00	10.90		

****

Lake # 109 12 JUL 83 (Day 193) Time: 14 42 CDT
Air Temperature: 28 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 21.4 (C)
Epilimnion Temperature: 21.4 (C)
Planar-Thermocline : 4.875 (M)

Wind: S 15 - 20 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.40	4.75	18.20	6.50	12.30
1.00	21.40	5.00	17.00	6.75	11.70
2.00	21.30	5.25	16.30	7.00	11.20
3.00	21.20	5.50	15.20	8.00	10.70
4.00	20.40	5.75	14.20	9.00	9.70
4.25	20.00	6.00	13.50	10.00	9.10
4.50	19.10	6.25	12.90		

****

Lake # 109 25 JUL 83 (Day 206) Time: 10 15 CDT
Air Temperature: 26 (C) Wind: NW 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 24.2 (C)
Epilimnion Temperature: 24.2 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.20	5.00	18.90	6.75	13.10
1.00	24.20	5.25	17.70	7.00	12.40
2.00	24.10	5.50	16.70	7.25	11.90
3.00	24.00	5.75	15.80	7.50	11.30
4.00	23.40	6.00	14.90	7.75	11.00
4.25	22.90	6.25	14.20	8.00	10.70
4.50	22.40	6.50	13.60	9.00	9.90
4.75	21.00				

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Lake # 109 10 AUG 83 (Day 222) Time: 09 39 CDT
Air Temperature: 20 (C) Wind: W 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 5.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.6 (C)
Epilimnion Temperature: 23.7 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.60	5.75	17.90	7.75	12.00
1.00	23.70	6.00	16.90	8.00	11.60
2.00	23.70	6.25	16.10	8.25	11.10
3.00	23.70	6.50	15.20	8.50	10.90
4.00	23.70	6.75	14.30	8.75	10.60
5.00	22.70	7.00	13.60	9.00	10.40
5.25	20.90	7.25	13.20	10.00	9.50
5.50	19.30	7.50	12.40		

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Lake # 109 22 AUG 83 (Day 234) Time: 10 15 CDT
Air Temperature: 21 (C) Wind: SW 15 - 25 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.6 (C)
Epilimnion Temperature: 21.6 (C) Epilimnion Depth (1 C/M): 5.875 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.60	6.00	19.10	8.25	11.60
1.00	21.60	6.25	17.60	8.50	11.20
2.00	21.60	6.50	16.30	8.75	10.80
3.00	21.50	6.75	15.20	9.00	10.50
4.00	21.50	7.00	14.40	9.25	10.20
5.00	21.50	7.25	13.90	9.50	9.90
5.25	21.40	7.50	13.10	9.75	9.70
5.50	21.30	7.75	12.60	10.00	9.40
5.75	21.20	8.00	12.00		

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Lake # 109 7 SEP 83 (Day 250) Time: 11 15 CDT
Air Temperature: 15 (C) Wind: W 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.2 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.20	6.25	19.80	8.00	12.10
1.00	20.20	6.50	18.20	8.25	11.60
2.00	20.20	6.75	16.20	8.50	11.10
3.00	20.20	7.00	15.00	8.75	10.70
4.00	20.20	7.25	14.30	9.00	10.30
5.00	20.20	7.50	13.50	10.00	9.50
6.00	20.20	7.75	12.70		

Lake # 109 19 SEP 83 (Day 262) Time: 10 29 CDT
Air Temperature: 8 (C) Wind: SW 25 - 30 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.1 (C)
Epilimnion Temperature: 14.2 (C) Epilimnion Depth (1 C/M): 9.125 (M)
Planar-Thermocline : 9.125 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.10	5.00	14.20	9.00	14.20
1.00	14.20	6.00	14.20	9.25	11.90
2.00	14.20	7.00	14.20	9.50	10.50
3.00	14.20	8.00	14.20	9.75	10.20
4.00	14.20				

Lake # 110 30 MAY 83 (Day 150) Time: 08 45 CDT
Air Temperature: 13 (C) Wind: SE 5 - 20 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 4.25 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.95 (C)
Epilimnion Temperature: 13.95 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.95	4.50	10.20	6.75	6.90
1.00	13.95	4.75	9.55	7.00	6.40
2.00	13.95	5.00	9.00	8.00	5.70
3.00	13.95	5.25	8.75	9.00	5.40
3.25	13.85	5.50	8.60	10.00	5.20
3.50	13.80	5.75	8.40	11.00	5.05
3.75	11.80	6.00	8.00	12.00	5.00
4.00	11.15	6.25	7.55	12.50	4.95
4.25	10.50	6.50	7.30		

Lake # 109 19 OCT 83 (Day 292) Time: 09 56 CDT
Air Temperature: 6 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.7 (C)
Epilimnion Temperature: 7.7 (C) Epilimnion Depth (1 C/M): 7.5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.70	4.00	7.70	8.00	7.50
1.00	7.70	5.00	7.60	9.00	7.50
2.00	7.70	6.00	7.60	9.75	7.50
3.00	7.70	7.00	7.50		

Lake # 110 15 JUN 83 (Day 166) Time: 09 30 CDT
Air Temperature: 19 (C) Wind: C 0 KMPH
Cloud Cover: 7 /10 Weather Description: CALM
Secchi Visibility: 3.1 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.7 (C)
Epilimnion Temperature: 18.5 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.70	4.00	13.70	6.50	7.70
1.00	18.50	4.25	12.70	6.75	7.40
2.00	18.30	4.50	11.90	7.00	6.90
2.25	17.80	4.75	11.10	8.00	6.00
2.50	17.00	5.00	10.50	9.00	5.50
2.75	16.30	5.25	9.90	10.00	5.30
3.00	15.90	5.50	9.40	11.00	5.20
3.25	15.30	5.75	8.80	12.00	5.00
3.50	14.80	6.00	8.50	12.25	5.00
3.75	14.30	6.25	8.10		

Lake # 110 27 JUN 83 (Day 178) Time: 09 15 CDT
Air Temperature: 14 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 19.65 (C)
Epilimnion Temperature: 19.65 (C)
Planar-Thermocline : 3.375 (M)
Wind: NE 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.65	4.75	11.15	7.00	6.65
1.00	19.65	5.00	10.50	7.25	6.15
2.00	19.65	5.25	9.85	7.50	5.75
3.00	19.35	5.50	9.35	7.75	5.65
3.25	18.05	5.75	8.70	8.00	5.50
3.50	16.00	6.00	8.25	9.00	4.85
3.75	15.25	6.25	7.90	10.00	4.55
4.00	14.30	6.50	7.40	11.00	4.40
4.25	13.20	6.75	6.75	11.50	4.35
4.50	11.90				

Lake # 110 25 JUL 83 (Day 206) Time: 09 00 CDT
Air Temperature: 24 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 24 (C)
Epilimnion Temperature: 24 (C)
Planar-Thermocline : 3.625 (M)
Wind: SW 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.00	4.75	15.00	7.25	7.80
1.00	24.00	5.00	13.70	7.50	7.50
2.00	23.90	5.25	12.60	7.75	7.20
3.00	23.80	5.50	11.90	8.00	6.90
3.25	23.00	5.75	11.10	9.00	6.10
3.50	21.90	6.00	10.40	10.00	5.50
3.75	20.10	6.25	9.60	11.00	5.30
4.00	18.40	6.50	9.20	12.00	5.20
4.25	17.20	6.75	8.80	12.50	5.20
4.50	16.30	7.00	8.20		

Lake # 110 12 JUL 83 (Day 193) Time: 14 10 CDT
Air Temperature: 28 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 21.7 (C)
Epilimnion Temperature: 21.5 (C)
Planar-Thermocline : 4.125 (M)
Wind: W 10 - 20 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.70	4.75	13.80	7.25	7.40
1.00	21.50	5.00	13.00	7.50	7.00
2.00	20.80	5.25	11.90	7.75	6.50
3.00	20.40	5.50	11.00	8.00	6.40
3.25	20.00	5.75	10.50	9.00	5.90
3.50	19.30	6.00	9.90	10.00	5.50
3.75	18.80	6.25	9.40	11.00	5.30
4.00	17.70	6.50	8.90	12.00	5.20
4.25	16.10	6.75	8.30	13.00	5.20
4.50	15.00	7.00	7.80		

Lake # 110 10 AUG 83 (Day 222) Time: 09 09 CDT
Air Temperature: 17.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 23.3 (C)
Epilimnion Temperature: 23.5 (C)
Planar-Thermocline : 3.875 (M)
Wind: SW 0 - 5 KMPH
Weather Description:
Water Color: PALE -YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.875 (M)
Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.30	4.75	16.50	7.25	8.60
1.00	23.50	5.00	15.20	7.50	8.10
2.00	23.50	5.25	14.10	7.75	7.80
3.00	23.50	5.50	12.90	8.00	7.40
3.25	23.50	5.75	12.10	9.00	6.40
3.50	23.50	6.00	11.30	10.00	5.70
3.75	23.50	6.25	10.70	11.00	5.50
4.00	21.40	6.50	10.20	12.00	5.30
4.25	19.50	6.75	9.70	13.00	5.30
4.50	18.40	7.00	9.20		

Lake # 110 22 AUG 83 (Day 234) Time: 09 20 CDT
Air Temperature: 21 (C)
Cloud Cover: 0 /10
Secchi Visibility: 5.4 (M)
Inflow Temperature:
Surface Temperature: 20.9 (C)
Epilimnion Temperature: 20.9 (C)
Planar-Thermocline : 4.875 (M)

Wind: SW 15 - 20 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.90	5.50	14.70	7.75	8.10
1.00	20.90	5.75	13.60	8.00	7.70
2.00	21.00	6.00	12.80	8.25	7.20
3.00	21.00	6.25	11.80	8.50	6.90
4.00	20.90	6.50	11.10	8.75	6.70
4.25	20.80	6.75	10.50	9.00	6.30
4.50	20.80	7.00	10.10	10.00	5.80
4.75	19.70	7.25	9.30	11.00	5.50
5.00	17.60	7.50	8.70	12.00	5.40
5.25	16.10				

Lake # 110 19 SEP 83 (Day 262) Time: 09 18 CDT
Air Temperature: 6 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 13.5 (C)
Epilimnion Temperature: 13.5 (C)
Planar-Thermocline : 7.625 (M)

Wind: W 20 - 25 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 7.125 (M)
Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.50	7.00	12.20	8.75	7.00
1.00	13.50	7.25	11.40	9.00	6.60
2.00	13.50	7.50	10.50	10.00	5.90
3.00	13.40	7.75	9.10	11.00	5.50
4.00	13.40	8.00	8.30	12.00	5.40
5.00	13.40	8.25	7.80	12.50	5.40
6.00	13.10	8.50	7.20		

Lake # 110 7 SEP 83 (Day 250) Time: 10 45 CDT
Air Temperature: 15 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 20 (C)
Planar-Thermocline : 5.375 (M)

Wind: W 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	6.00	12.65	8.25	6.90
1.00	20.00	6.25	11.70	8.50	6.50
2.00	20.00	6.50	11.20	8.75	6.30
3.00	20.00	6.75	10.10	9.00	6.10
4.00	20.00	7.00	9.60	10.00	5.35
5.00	19.25	7.25	8.90	11.00	5.14
5.25	17.10	7.50	8.35	12.00	5.00
5.50	14.90	7.75	7.75	12.50	4.95
5.75	13.60	8.00	7.25		

Lake # 110 19 OCT 83 (Day 292) Time: 09 15 CDT
Air Temperature: 3 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 7.1 (C)
Epilimnion Temperature: 7.1 (C)
Planar-Thermocline : 8.5 (M)

Wind: NE 0 - 5 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.1 (M)
Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.10	5.00	7.00	9.00	6.50
1.00	7.10	6.00	6.90	10.00	6.30
2.00	7.10	7.00	6.80	11.00	6.20
3.00	7.10	8.00	6.70	11.50	6.10
4.00	7.10				

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Lake # 114 10 JUL 69 (Day 191) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 19.6 (C)
Epilimnion Temperature: 19.5 (C)
Planar-Thermocline : 3.5 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 1.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.60	2.00	19.30	4.00	18.10
1.00	19.50	3.00	19.10		

Lake # 114 25 FEB 70 (Day 56) Time: 10 00 CST
Air Temperature: -20 (C)
Cloud Cover: 4 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 1.85 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description: CLEAR
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.50	2.00	4.00	4.00	4.80
1.00	1.85	3.00	4.75		

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Lake # 114 5 AUG 69 (Day 217) Time: 12 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 22.8 (C)
Epilimnion Temperature: 22.6 (C)
Planar-Thermocline : 3.5 (M)

Wind: -
Weather Description: SUNNY
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4 (M)
Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.80	1.00	22.60	3.00	22.00
0.50	22.70	2.00	22.40	4.00	21.40

Lake # 114 13 MAY 71 (Day 133) Time: 09 00 CDT
Air Temperature: 7.7 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 12.01 (C)
Epilimnion Temperature: 12.01 (C)
Planar-Thermocline : 3.5 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4 (M)
Change at Planar-Thermo: 0.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.01	1.00	12.01	3.00	12.01
0.50	12.01	2.00	12.01	4.00	11.95

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Lake # 114 10 JUN 71 (Day 161) Time: 09 00 CDT
Air Temperature: 18.7 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 19.1 (C)
Epilimnion Temperature: 19.12 (C)
Planar-Thermocline : 4.125 (M)

Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: 0.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.10	2.00	19.12	4.00	18.41
1.00	19.12	3.00	18.75	4.25	18.25

Lake # 114 8 JUL 71 (Day 189) Time: 08 40 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 1.3 (M)
Inflow Temperature:
Surface Temperature: 20.13 (C)
Epilimnion Temperature: 20.13 (C)
Planar-Thermocline : 4.1 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 18.7 (C)
Epilimnion Depth (1 C/M): 4.1 (M)
Change at Planar-Therm: 1.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.13	2.00	20.13	4.00	20.13
1.00	20.13	3.00	20.13	4.20	19.93

Lake # 114 2 SEP 71 (Day 245) Time: 10 05 CDT
Air Temperature: 20.27 (C)
Cloud Cover: 1 /10
Secchi Visibility: 1.6 (M)
Inflow Temperature:
Surface Temperature: 20.38 (C)
Epilimnion Temperature: 20.34 (C)
Planar-Thermocline : 4.1 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.1 (M)
Change at Planar-Therm: 2.150 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.38	2.00	20.18	4.00	19.74
0.50	20.34	3.00	20.01	4.20	19.31
1.00	20.34				

Lake # 114 5 AUG 71 (Day 217) Time: 11 00 CDT
Air Temperature: 22.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 19.5 (C)
Epilimnion Temperature: 19.4 (C)
Planar-Thermocline : 2.5 (M)
Wind: 3 - 6 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Therm: 2.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.50	2.00	19.35	4.00	16.95
0.50	19.45	3.00	17.30	4.10	16.80
1.00	19.40				

Lake # 114 0 OCT 71 (Day 273) Time: 11 05 CDT
Air Temperature: 12 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 12.21 (C)
Epilimnion Temperature: 12.2 (C)
Planar-Thermocline : .25 (M)
Wind: 3 - 6 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 11.81 (C)
Epilimnion Depth (1 C/M): 4.4 (M)
Change at Planar-Therm: 0.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.21	2.00	12.20	4.00	12.17
0.50	12.20	3.00	12.19	4.40	12.17
1.00	12.20				

Lake # 114 28 OCT 71
Air Temperature:
Cloud Cover: 7 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 7.24 (C)
Epilimnion Temperature: 7.3 (C)
Planar-Thermocline : 4.125 (M)

(Day 301) Time: 10 45 CDT
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: -.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.24	2.00	7.30	4.00	7.22
0.50	7.27	3.00	7.23	4.25	7.45
1.00	7.30				

Lake # 114 13 JUN 74
Air Temperature: 21.1 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.6 (M)
Inflow Temperature:
Surface Temperature: 17.95 (C)
Epilimnion Temperature: 17.25 (C)
Planar-Thermocline : .5 (M)

(Day 164) Time: 10 00 CDT
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 16.69 (C)

Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 0.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.95	2.00	16.91	4.00	16.75
1.00	17.25	3.00	16.89	4.50	16.65

Lake # 114 16 MAY 74
Air Temperature: 13 (C)
Cloud Cover: 6 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 9.45 (C)
Epilimnion Temperature: 9.2 (C)
Planar-Thermocline : 4.1 (M)

(Day 136) Time: 09 00 CST
Wind: -
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.1 (M)
Change at Planar-Thermo: 1.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.45	2.00	9.10	4.00	9.00
1.00	9.20	3.00	9.02	4.20	8.80

Lake # 114 11 JUL 74
Air Temperature: 21.1 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 24.45 (C)
Epilimnion Temperature: 24.43 (C)
Planar-Thermocline : 4.25 (M)

(Day 192) Time: 08 15 CDT
Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: 3.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.45	2.00	24.42	4.00	24.31
1.00	24.43	3.00	24.40	4.50	22.75

Lake # 114 8 AUG 74
Air Temperature: 21.1 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.9 (M)
Inflow Temperature:
Surface Temperature: 22.2 (C)
Epilimnion Temperature: 22 (C)
Planar-Thermocline : 3.5 (M)

(Day 220) Time: 09 15 CDT
Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 1.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.20	2.00	21.98	4.00	20.00
1.00	22.00	3.00	21.70	4.40	19.55

Lake # 114 12 SEP 74 (Day 255) Time: 13 15 CDT
Air Temperature: 10 (C) Wind: 3 - 8 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.92 (C)
Epilimnion Temperature: 12.92 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.92	2.00	12.92	4.00	12.92
1.00	12.92	3.00	12.92	4.25	12.92

Lake # 114 15 MAY 78 (Day 135) Time: 08 35 CDT
Air Temperature: 16.4 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature: 14.37 (C)
Surface Temperature: 13.31 (C)
Epilimnion Temperature: 13.22 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 4.25 (M) Change at Planar-Thermo: 0.780 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.31	2.00	12.84	4.00	11.68
1.00	13.22	3.00	12.16	4.50	11.29

Lake # 114 0 OCT 74 (Day 273) Time: 10 40 CDT
Air Temperature: -1.1 (C) Wind: 16 - 32 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.75 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.84 (C)
Epilimnion Temperature: 7.9 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: -.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.84	2.00	7.90	4.00	7.92
1.00	7.90	3.00	7.90	4.25	8.10

Lake # 114 29 MAY 78 (Day 149) Time: 08 00 CDT
Air Temperature: 18.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.7 (M) Water Color: PALE -ORANGE
Inflow Temperature: Outflow Temperature: 20.2 (C)
Surface Temperature: 21.38 (C)
Epilimnion Temperature: 21.43 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.38	3.00	18.70	4.00	13.90
1.00	21.43	3.25	16.05	4.25	13.02
1.50	20.90	3.50	15.58	4.50	12.42
2.00	20.80	3.75	14.80	4.75	12.27
2.50	20.25				

Lake # 114 30 OCT 74 (Day 303) Time: 11 25 CST
Air Temperature: 13.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature: 7 (C)
Surface Temperature: 6.84 (C)
Epilimnion Temperature: 6.78 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.84	2.00	6.74	4.00	6.70
1.00	6.78	3.00	6.70	4.25	6.70

Lake # 114 12 JUN 78 (Day 163) Time: 08 20 CDT
Air Temperature: 14 (C)
Cloud Cover: 4 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 15.2 (C)
Epilimnion Temperature: 15.2 (C)
Planar-Thermocline : 4.5 (M)
Wind: 5 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 14 (C)
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.570 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.20	2.00	15.20	4.00	15.20
1.00	15.20	3.00	15.19	5.00	14.63

Lake # 114 10 JUL 78 (Day 191) Time: 08 20 CDT
Air Temperature: 16.95 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 20.83 (C)
Epilimnion Temperature: 20.89 (C)
Planar-Thermocline : 4.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature: 19.37 (C)
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.110 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.83	2.00	20.91	4.00	20.87
1.00	20.89	3.00	20.91	5.00	20.76

Lake # 114 26 JUN 78 (Day 177) Time: 08 20 CDT
Air Temperature: 19.4 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 20.81 (C)
Epilimnion Temperature: 20.83 (C)
Planar-Thermocline : 3.125 (M)
Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature: 20 (C)
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 2.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.81	3.00	18.69	4.50	16.69
1.00	20.83	3.25	18.08	5.00	16.16
2.00	20.43	3.50	17.74	5.25	16.00
2.50	19.81	4.00	17.24		

Lake # 114 24 JUL 78 (Day 205) Time: 09 00 CDT
Air Temperature: 19.1 (C)
Cloud Cover: 3 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 21.28 (C)
Epilimnion Temperature: 21.3 (C)
Planar-Thermocline : 4.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 21 (C)
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.860 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.28	2.00	21.32	4.00	20.94
1.00	21.30	3.00	21.15	5.00	20.08

Lake # 114 7 AUG 78 (Day 219) Time: 08 00 CDT
Air Temperature: 19.8 (C) Wind: 0 - 3 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 20.3 (C)
Surface Temperature: 20.28 (C)
Epilimnion Temperature: 20.29 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.28	2.00	20.19	4.00	18.89
1.00	20.29	3.00	19.43	5.00	18.61

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Lake # 114 21 AUG 78 (Day 233) Time: 08 15 CDT
Air Temperature: 15.3 (C) Wind: 8 - 11 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 1.25 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 17 (C)
Surface Temperature: 18.77 (C)
Epilimnion Temperature: 18.83 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.77	2.00	18.86	4.00	18.89
1.00	18.83	3.00	18.87	5.00	18.88

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Lake # 114 4 SEP 78 (Day 247) Time: 08 20 CDT
Air Temperature: 20.63 (C) Wind: 0 - 2 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 19.7 (C)
Surface Temperature: 19.58 (C)
Epilimnion Temperature: 19.57 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 1.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.58	3.00	18.49	4.75	17.38
1.00	19.57	4.00	18.13	5.00	17.06
2.00	18.82	4.50	17.84		

Lake # 114 18 SEP 78 (Day 261) Time: 08 20 CDT
Air Temperature: 11.8 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 11.83 (C)
Surface Temperature: 12.56 (C)
Epilimnion Temperature: 12.58 (C) Epilimnion Depth (1 C/M): 5.2 (M)
Planar-Thermocline : 5.1 (M) Change at Planar-Thermo: -.650 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.56	3.00	12.58	5.00	12.58
1.00	12.58	4.00	12.37	5.20	12.71
2.00	12.58				

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Lake # 114 2 OCT 78 (Day 275) Time: 11 20 CDT
Air Temperature: 15 (C) Wind: -
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 1.25 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 12.51 (C)
Surface Temperature: 11.64 (C)
Epilimnion Temperature: 11.63 (C) Epilimnion Depth (1 C/M): 5.2 (M)
Planar-Thermocline : 5.1 (M) Change at Planar-Thermo: -.250 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.64	3.00	11.61	5.00	11.68
1.00	11.63	4.00	11.63	5.20	11.73
2.00	11.63				

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Lake # 114 28 MAY 79 (Day 148) Time: 08 00 CDT
Air Temperature: 14.45 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 16.8 (C)
Surface Temperature: 16.7 (C)
Epilimnion Temperature: 16.72 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 6.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.70	2.25	15.58	3.75	11.26
1.00	16.72	2.50	15.25	4.00	11.00
1.25	16.68	2.75	14.71	4.25	10.76
1.50	16.68	3.00	14.21	4.50	10.63
1.75	16.14	3.25	12.63	4.75	10.52
2.00	15.81	3.50	11.94		

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Lake # 114 25 JUN 79 (Day 176) Time: 08 10 CDT
Air Temperature: 16.23 (C) Wind: -
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 17.91 (C)
Surface Temperature: 18.84 (C)
Epilimnion Temperature: 18.88 (C) Epilimnion Depth (1 C/M): 2.875 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 2.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.84	3.00	18.17	4.25	16.74
1.00	18.88	3.25	17.59	4.50	16.50
2.00	18.89	3.50	17.40	4.75	16.08
2.25	18.70	3.75	17.10	5.00	15.76
2.50	18.65	4.00	17.08	5.25	15.84
2.75	18.43				

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Lake # 114 23 JUL 79 (Day 204) Time: 07 05 CDT
Air Temperature: 22.1 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.22 (C)
Epilimnion Temperature: 23.23 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 0.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.22	2.00	23.24	4.00	22.70
1.00	23.23	3.00	23.08	5.00	22.18

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Lake # 114 20 AUG 79 (Day 232) Time: 08 05 CDT
Air Temperature: 19.16 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.73 (C)
Epilimnion Temperature: 20.79 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.820 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.73	3.00	19.31	5.00	18.38
1.00	20.79	4.00	18.77	5.25	18.20
2.00	20.13				

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Lake # 114 17 SEP 79 (Day 260) Time: 08 10 CDT
Air Temperature: 16.8 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.38 (C)
Epilimnion Temperature: 15.36 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: -.090 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.38	2.00	15.35	4.00	15.44
1.00	15.36	3.00	15.44	5.00	15.42

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Lake # 114 13 MAY 80 (Day 133) Time: 08 10 CDT
Air Temperature: -1 (C) Wind: 7 - 10 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 9.6 (C)
Surface Temperature: 10.36 (C)
Epilimnion Temperature: 10.39 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.36	2.00	10.40	5.00	10.41
1.00	10.39	4.00	10.40		

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Lake # 114 15 OCT 79 (Day 288) Time: 08 25 CDT
Air Temperature: 4.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 6 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.08 (C)
Epilimnion Temperature: 4.05 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.06 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.08	3.00	4.05	5.00	5.10
1.00	4.05	4.00	4.05	5.12	6.08
2.00	4.05	4.75	4.08		

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Lake # 114 10 JUN 80 (Day 161) Time: 08 05 CDT
Air Temperature: 10.5 (C) Wind: 5 - 7 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.7 (C)
Epilimnion Temperature: 16.77 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.70	2.00	16.77	4.00	16.77
1.00	16.77	3.00	16.78	4.75	16.77

****

Lake # 114 8 JUL 80 (Day 189) Time: 08 05 CDT
Air Temperature: 21.2 (C) Wind: 7 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.72 (C)
Epilimnion Temperature: 20.71 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.010 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.72	2.00	20.70	4.00	20.70
1.00	20.71	3.00	20.70	4.50	20.70

****

Lake # 114 5 AUG 80 (Day 217) Time: 08 15 CDT
Air Temperature: 18.1 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 21.55 (C)
Epilimnion Temperature: 21.59 (C)
Planar-Thermocline : 4.25 (M)
Wind: 5 - 7 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 0.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.55	2.00	21.60	4.00	21.58
1.00	21.59	3.00	21.59	4.50	21.10

Lake # 114 30 SEP 80 (Day 273) Time:
Air Temperature: 15.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 10.63 (C)
Epilimnion Temperature: 10.62 (C)
Planar-Thermocline : 4.5 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.310 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.63	2.00	10.61	4.00	10.52
1.00	10.62	3.00	10.61	5.00	10.21

****

Lake # 114 2 SEP 80 (Day 245) Time: 08 15 CDT
Air Temperature: 14.7 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.9 (M)
Inflow Temperature:
Surface Temperature: 18.9 (C)
Epilimnion Temperature: 19 (C)
Planar-Thermocline : 3.5 (M)
Wind: 0 - 2 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.90	2.00	19.00	4.00	18.30
1.00	19.00	3.00	18.70	5.00	18.20

Lake # 114 28 OCT 80 (Day 301) Time: 08 15 CDT
Air Temperature: 1.1 (C)
Cloud Cover: 2 /10
Secchi Visibility: 3.15 (M)
Inflow Temperature:
Surface Temperature: 1.28 (C)
Epilimnion Temperature: 1.3 (C)
Planar-Thermocline : 4.45 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.45 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.28	2.00	1.73	4.00	2.19
1.00	1.30	3.00	2.00	4.90	3.15

****

Lake # 114 9 SEP 80 (Day 252) Time: 11 45 CDT
Air Temperature: 18.33 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 19.6 (C)
Epilimnion Temperature: 19.6 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 0 (M)
Change at Planar-Thermo: -.100 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.60				

Lake # 114 6 MAY 81 (Day 126) Time: 10 50 CDT
Air Temperature: 14.5 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.52 (C)
Epilimnion Temperature: 12.52 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description: NO WIND
Water Color:
Outflow Temperature: 12.9 (C)
Epilimnion Depth (1 C/M): 0 (M)
Change at Planar-Thermo: -.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.52				

****

Lake # 114 11 MAY 81 (Day 131) Time: 09 00 CDT
Air Temperature: 11.4 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 12.55 (C)
Epilimnion Temperature: 12.61 (C)
Planar-Thermocline : 2.5 (M)
Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 9.5 (C)
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.510 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.55	2.00	12.61	4.00	11.60
1.00	12.61	3.00	12.10	5.00	11.41

Lake # 114 8 JUN 81 (Day 159) Time: 08 45 CDT
Air Temperature: 17 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 19.21 (C)
Epilimnion Temperature: 19.21 (C)
Planar-Thermocline : 4.125 (M)
Wind: 0 - 5 KMPH
Weather Description: RAINING
Water Color:
Outflow Temperature: 17.6 (C)
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 4.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.21	3.00	19.13	4.25	17.88
1.00	19.21	4.00	18.90	4.50	17.17
2.00	19.21				

****

Lake # 114 25 MAY 81 (Day 145) Time: 09 12 CDT
Air Temperature: 12 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 15.4 (C)
Epilimnion Temperature: 15.4 (C)
Planar-Thermocline : 1.5 (M)
Wind: 5 - 10 KMPH
Weather Description: RAINING
Water Color: YELLOW
Outflow Temperature: 11.5 (C)
Epilimnion Depth (1 C/M): 4.75 (M)
Change at Planar-Thermo: 0.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.40	2.00	15.38	4.00	15.38
1.00	15.40	3.00	15.38	4.75	15.38

****

Lake # 114 22 JUN 81 (Day 173) Time: 08 50 CDT
Air Temperature: 14.5 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 17.51 (C)
Epilimnion Temperature: 17.56 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature: 14 (C)
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: -.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.51	2.00	17.56	4.00	17.56
1.00	17.56	3.00	17.56	5.00	17.51

Lake # 114 6 JUL 81 (Day 187) Time: 08 30 CDT
Air Temperature: 24 (C) Wind: -
Cloud Cover: 0 /10 Weather Description: NO WIND
Secchi Visibility: 2 (M) Water Color:
Inflow Temperature: Outflow Temperature: 21 (C)
Surface Temperature: 24.72 (C)
Epilimnion Temperature: 24.66 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 9.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.72	2.75	23.19	3.75	18.03
1.00	24.66	3.00	22.10	4.00	17.69
2.00	24.64	3.25	21.30	4.25	17.41
2.25	24.12	3.50	18.81	4.50	17.27
2.50	23.50				

Lake # 114 3 AUG 81 (Day 215) Time: 08 45 CDT
Air Temperature: 21.5 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 16 (C)
Surface Temperature: 22.62 (C)
Epilimnion Temperature: 22.66 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 0.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.62	2.00	22.62	4.00	22.55
1.00	22.66	3.00	22.57	5.00	21.83

Lake # 114 20 JUL 81 (Day 201) Time: 08 30 CDT
Air Temperature: 18.3 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.85 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 19 (C)
Surface Temperature: 24.47 (C)
Epilimnion Temperature: 24.47 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 3.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.47	3.50	24.39	4.50	21.52
1.00	24.47	3.75	23.43	4.75	20.96
2.00	24.47	4.00	22.79	5.00	20.00
3.00	24.47	4.25	22.09	5.25	19.25
3.25	24.43				

Lake # 114 17 AUG 81 (Day 229) Time: 10 30 CDT
Air Temperature: 21 (C) Wind: 5 - 10 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color:
Inflow Temperature: Outflow Temperature: 16.8 (C)
Surface Temperature: 21.1 (C)
Epilimnion Temperature: 21.04 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.10	2.00	21.01	4.00	20.82
1.00	21.04	3.00	20.91	5.00	20.83

****

Lake # 114 0 SEP 81 (Day 243) Time: 08 28 CDT
Air Temperature: 18 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.97 (C)
Epilimnion Temperature: 21.98 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 0.730 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.97	3.00	21.82	5.00	20.77
1.00	21.98	4.00	21.50	5.25	20.64
2.00	21.93				

Lake # 114 28 SEP 81 (Day 271) Time: 08 30 CDT
Air Temperature: 7.8 (C) Wind: -
Cloud Cover: 9 /10 Weather Description: NO WIND
Secchi Visibility: 2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 7.8 (C)
Surface Temperature: 10.32 (C)
Epilimnion Temperature: 10.35 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.32	2.00	10.35	4.00	10.37
1.00	10.35	3.00	10.37	4.75	10.37

****

Lake # 114 14 SEP 81 (Day 257) Time: 08 30 CDT
Air Temperature: 13.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 11 (C)
Surface Temperature: 18.27 (C)
Epilimnion Temperature: 18.32 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.27	3.00	18.29	5.00	18.32
1.00	18.32	4.00	18.32	5.25	18.32
2.00	18.32				

****

Lake # 114 12 OCT 81 (Day 285) Time: 08 30 CDT
Air Temperature: 9.2 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: NO WIND
Secchi Visibility: 2.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 6 (C)
Surface Temperature: 8.64 (C)
Epilimnion Temperature: 8.64 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.64	3.00	8.34	5.00	8.26
1.00	8.64	4.00	8.29	5.25	8.26
2.00	8.64				

Lake # 114 26 OCT 81 (Day 299) Time: 10 30 CST
Air Temperature: 2 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 1.11 (C)
Epilimnion Temperature: 1.86 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 5 KMPH
Weather Description: ICE COVER
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: -.750 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.11	2.00	2.08	4.00	2.94
1.00	1.86	3.00	2.55	5.00	3.41

Lake # 114 17 MAY 82 (Day 137) Time: 08 34 CDT
Air Temperature: 12 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 11.78 (C)
Epilimnion Temperature: 11.78 (C)
Planar-Thermocline : 4.5 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature: 11.2 (C)
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.260 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.78	2.00	11.70	4.00	11.66
1.00	11.78	3.00	11.69	5.00	11.40

Lake # 114 0 JUN 82 (Day 151) Time: 08 51 CDT
Air Temperature: 14 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 19.5 (C)
Epilimnion Temperature: 19.52 (C)
Planar-Thermocline : 3.125 (M)
Wind: 0 - 0 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature: 16 (C)
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 5.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.50	2.50	18.45	3.50	13.89
1.00	19.52	2.75	17.05	3.75	13.39
2.00	19.58	3.00	15.91	4.00	13.09
2.25	19.51	3.25	14.42		

Lake # 114 14 JUN 82 (Day 165) Time: 00 08 CDT
Air Temperature: 18 (C)
Cloud Cover: 7 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 16.63 (C)
Epilimnion Temperature: 16.46 (C)
Planar-Thermocline : 2.5 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.75 (M)
Change at Planar-Thermo: 0.590 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.63	2.00	15.97	4.75	14.45
1.00	16.46	3.00	15.38		

****

Lake # 114 28 JUN 82 (Day 179) Time: 08 30 CDT
Air Temperature: 15 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.38 (C)
Epilimnion Temperature: 20.41 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.25 (M) Change at Planar-Thermo: 1.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.38	2.00	20.41	4.00	19.72
1.00	20.41	3.00	20.28	4.50	19.13

****

Lake # 114 12 JUL 82 (Day 193) Time: 08 40 CDT
Air Temperature: 22 (C) Wind: 0 - 0 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.53 (C)
Epilimnion Temperature: 21.53 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 0.667 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.53	2.00	21.03	4.00	20.03
1.00	21.53	3.00	20.42	4.75	19.53

****

Lake # 114 26 JUL 82 (Day 207) Time: 08 50 CDT
Air Temperature: 19 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.09 (C)
Epilimnion Temperature: 23.18 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 2.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.09	3.25	23.13	4.25	21.46
1.00	23.18	3.50	22.98	4.50	20.95
2.00	23.21	3.75	22.73	4.75	20.83
3.00	23.21	4.00	22.18		

****

Lake # 114 9 AUG 82 (Day 221) Time: 08 35 CDT
Air Temperature: 12 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.43 (C)
Epilimnion Temperature: 19.6 (C) Epilimnion Depth (1 C/M): 4 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.170 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.43	2.00	19.60	4.00	19.61
1.00	19.60	3.00	19.60		

****

Lake # 114 23 AUG 82 (Day 235) Time: 08 20 CDT
Air Temperature: 17 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.6 (M)
Inflow Temperature:
Surface Temperature: 19.58 (C)
Epilimnion Temperature: 19.74 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 5 KMPH
Weather Description: -1
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: -.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.58	2.00	19.76	4.00	19.76
1.00	19.74	3.00	19.77	4.50	19.68

Lake # 114 4 OCT 82 (Day 277) Time: 08 50 CDT
Air Temperature: 10.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 9.52 (C)
Epilimnion Temperature: 9.34 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.52	2.00	9.33	4.00	9.32
1.00	9.34	3.00	9.33	5.00	9.32

****

Lake # 114 6 SEP 82 (Day 249) Time: 08 30 CDT
Air Temperature: 8.5 (C)
Cloud Cover: 1 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 15.1 (C)
Epilimnion Temperature: 15.16 (C)
Planar-Thermocline : 2.5 (M)
Wind: 0 - 0 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.10	2.00	2.00	4.00	15.18
1.00	15.16	3.00	15.19		

Lake # 114 9 MAY 83 (Day 129) Time: 09 45 CDT
Air Temperature: 9.1 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3.75 (M)
Inflow Temperature:
Surface Temperature: 9.9 (C)
Epilimnion Temperature: 9.9 (C)
Planar-Thermocline : 2.5 (M)
Wind: SE 10 - 15 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.90	2.00	9.90	4.00	9.30
1.00	9.90	3.00	9.40	5.00	8.90

****

Lake # 114 20 SEP 82 (Day 263) Time: 08 30 CDT
Air Temperature: 8 (C)
Cloud Cover: 9 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 11.91 (C)
Epilimnion Temperature: 11.91 (C)
Planar-Thermocline : 3.5 (M)
Wind: 0 - 0 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: -.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.91	2.00	11.89	4.00	11.91
1.00	11.91	3.00	11.87	5.00	11.91

Lake # 114 16 MAY 83 (Day 136) Time: 08 45 CDT
Air Temperature: 3 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.75 (M)
Inflow Temperature:
Surface Temperature: 9.3 (C)
Epilimnion Temperature: 9.35 (C)
Planar-Thermocline : 4.375 (M)
Wind: SE 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.75 (M)
Change at Planar-Thermo: 0.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.30	2.00	9.35	4.00	9.10
1.00	9.35	3.00	9.30	4.75	8.80

Lake # 114 6 JUN 83 (Day 157) Time: 09 45 CDT
Air Temperature: 18 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 14.7 (C)
Epilimnion Temperature: 14.5 (C)
Planar-Thermocline : 4.875 (M)

Wind: W 15 - 20 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.875 (M)
Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.70	3.00	14.40	4.50	14.30
1.00	14.50	4.00	14.30	4.75	14.30
2.00	14.50	4.25	14.30	5.00	13.70

Lake # 114 20 JUN 83 (Day 171) Time: 08 45 CDT
Air Temperature: 16 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 19.54 (C)
Epilimnion Temperature: 19.54 (C)
Planar-Thermocline : 2.875 (M)

Wind: W 0 - 3 KMPH
Weather Description:
Water Color: PALE -YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 2.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.54	2.75	18.79	4.00	17.15
1.00	19.54	3.00	18.24	4.25	16.79
2.00	19.69	3.25	17.79	4.50	16.59
2.25	19.44	3.50	17.54	4.75	16.39
2.50	19.24	3.75	17.29	5.00	15.99

Lake # 114 13 JUN 83 (Day 164) Time: 09 00 CDT
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 20.64 (C)
Epilimnion Temperature: 20.54 (C)
Planar-Thermocline : 3.625 (M)

Wind: W 5 - 20 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 4.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.64	2.75	19.39	4.00	15.95
1.00	20.54	3.00	19.09	4.25	15.40
2.00	20.19	3.25	18.74	4.50	15.10
2.25	19.69	3.50	17.84	4.75	15.00
2.50	19.59	3.75	16.79	5.00	14.95

Lake # 114 4 JUL 83 (Day 185) Time: 10 45 CDT
Air Temperature: 12 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 18.4 (C)
Epilimnion Temperature: 18.6 (C)
Planar-Thermocline : 4.875 (M)

Wind: NE 25 - 35 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.875 (M)
Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.40	3.00	18.60	4.50	18.50
1.00	18.60	4.00	18.60	4.75	18.40
2.00	18.60	4.25	18.50	5.00	17.70

****

Lake # 114 11 JUL 83 (Day 192) Time: 08 30 CDT
Air Temperature: 18 (C) Wind: NW 25 - 30 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.6 (C)
Epilimnion Temperature: 22.6 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.60	3.25	22.50	4.25	17.70
1.00	22.60	3.50	21.00	4.50	17.60
2.00	22.60	3.75	19.00	4.75	17.40
3.00	22.50	4.00	18.30	5.00	17.20

****

Lake # 114 8 AUG 83 (Day 220) Time: 08 29 CDT
Air Temperature: 20 (C) Wind: NE 15 - 20 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.3 (C)
Epilimnion Temperature: 23.3 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 4.25 (M) Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.30	2.00	23.30	4.00	23.30
1.00	23.30	3.00	23.30	4.50	23.20

****

Lake # 114 15 AUG 83 (Day 227) Time: 08 20 CDT
Air Temperature: 24 (C) Wind: E 0 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.25 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.4 (C)
Epilimnion Temperature: 22.7 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.40	2.00	22.70	4.00	22.30
1.00	22.70	3.00	22.60	5.00	21.70

****

Lake # 114 29 AUG 83 (Day 241) Time: 09 21 CDT
Air Temperature: 19 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.4 (C)
Epilimnion Temperature: 22.4 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.25 (M) Change at Planar-Thermo: 3.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.40	2.00	22.40	4.00	21.40
1.00	22.40	3.00	22.40	4.50	19.90

****

Lake # 114 5 SEP 83 (Day 248) Time: 08 30 CDT
Air Temperature: 18 (C) Wind: W 5 - 10 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.65 (C)
Epilimnion Temperature: 20.65 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.150 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.65	2.00	20.65	4.00	20.45
1.00	20.65	3.00	20.50	5.00	20.40

****

Lake # 114 12 SEP 83 (Day 255) Time: 10 09 CDT
Air Temperature: 12 (C)
Cloud Cover: 9 /10
Secchi Visibility: 1.5 (M)
Inflow Temperature:
Surface Temperature: 15 (C)
Epilimnion Temperature: 15 (C)
Planar-Thermocline : 4.25 (M)

Wind: NW 10 - 20 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.00	2.00	15.00	4.00	15.00
1.00	15.00	3.00	15.00	4.50	16.30

Lake # 114 3 OCT 83 (Day 276) Time: 08 30 CDT
Air Temperature: 9 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 11.4 (C)
Epilimnion Temperature: 11.4 (C)
Planar-Thermocline : .5 (M)

Wind: N 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.40	2.00	11.40	4.00	11.40
1.00	11.40	3.00	11.40	5.00	11.40

****

Lake # 114 26 SEP 83 (Day 269) Time: 09 42 CDT
Air Temperature: 13 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.1 (M)
Inflow Temperature:
Surface Temperature: 9.8 (C)
Epilimnion Temperature: 9.8 (C)
Planar-Thermocline : 3.5 (M)

Wind: 0 - 0 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.75 (M)
Change at Planar-Thermo: 0.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.80	2.00	9.80	4.00	9.40
1.00	9.80	3.00	9.80	4.75	9.50

Lake # 114 17 OCT 83 (Day 290) Time: 11 10 CDT
Air Temperature: 2 (C)
Cloud Cover: 9 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 5 (C)
Epilimnion Temperature: 5 (C)
Planar-Thermocline : .5 (M)

Wind: W 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.00	2.00	5.00	4.00	5.00
1.00	5.00	3.00	5.00	5.00	5.00

Lake # 120 13 NOV 68 (Day 317) Time: 11 00 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 4.4 (C)
Epilimnion Temperature: 4.4 (C)
Planar-Thermocline : 14.5 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 19.9 (M)
Change at Planar-Thermo: -.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.40	7.00	4.30	14.00	4.10
1.00	4.40	8.00	4.20	15.00	4.70
2.00	4.30	9.00	4.20	16.00	4.60
3.00	4.30	10.00	4.10	17.00	4.60
4.00	4.30	11.00	4.20	18.00	4.60
5.00	4.30	12.00	4.10	19.00	4.70
6.00	4.30	13.00	4.10	19.90	4.70

Lake # 120 6 JUL 69 (Day 187) Time: 14 25 CDT
Air Temperature: 17 (C)
Cloud Cover: 4 /10
Secchi Visibility: 6.2 (M)
Inflow Temperature:
Surface Temperature: 17.5 (C)
Epilimnion Temperature: 17.5 (C)
Planar-Thermocline : 5.5 (M)

Wind: 0 - 9 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 3.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.50	7.00	8.30	13.00	5.70
1.00	17.50	8.00	7.70	14.00	5.60
2.00	17.50	9.00	7.30	15.00	5.40
3.00	16.80	10.00	7.00	16.00	5.20
4.00	16.00	11.00	6.60	17.00	5.20
5.00	12.80	12.00	6.20	18.00	5.50
6.00	9.10				

Lake # 120 15 MAY 69 (Day 135) Time: 06 30 CDT
Air Temperature: 10 (C)
Cloud Cover: 3 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 11.62 (C)
Epilimnion Temperature: 11.33 (C)
Planar-Thermocline : 4.[illegible] (M)

Wind: -
Weather Description: CLEAR
Water Color: BLUE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 2.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.62	7.00	5.52	13.00	4.32
1.00	11.33	8.00	5.42	14.00	4.23
2.00	10.88	9.00	5.18	15.00	4.23
3.00	9.55	10.00	4.75	16.00	4.32
4.00	8.75	11.00	4.52	17.00	4.50
5.00	6.68	12.00	4.38	17.75	4.55
6.00	5.85				

Lake # 120 20 JUL 69 (Day 201) Time: 10 00 CDT
Air Temperature: 19.4 (C)
Cloud Cover: 2 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 21.6 (C)
Epilimnion Temperature: 21.7 (C)
Planar-Thermocline : 4.5 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 4.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.60	7.00	8.20	14.00	5.60
1.00	21.70	8.00	7.70	15.00	5.50
2.00	21.70	9.00	7.10	16.00	5.40
3.00	19.40	10.00	6.60	17.00	5.40
4.00	17.10	11.00	6.20	18.00	5.60
5.00	12.90	12.00	5.80	19.00	5.70
6.00	9.80	13.00	5.70		

Lake # 120 16 SEP 69 (Day 259) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 18 (C)
Epilimnion Temperature: 18 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 4.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.00	7.00	9.25	14.00	4.50
1.00	18.00	8.00	8.02	15.00	4.35
2.00	17.91	9.00	7.03	16.00	4.28
3.00	17.88	10.00	6.26	17.00	4.27
4.00	17.81	11.00	5.72	18.00	4.31
5.00	17.10	12.00	5.22	19.00	4.33
6.00	12.40	13.00	4.62		

Lake # 120 10 DEC 69 (Day 344) Time: 11 00 CDT
Air Temperature: -9.4 (C)
Cloud Cover: 6 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .45 (C)
Epilimnion Temperature: 2.62 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description: SNOW
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.45	7.00	3.49	14.00	4.05
1.00	2.62	8.00	3.53	15.00	4.33
2.00	3.00	9.00	3.60	16.00	4.67
3.00	3.10	10.00	3.67	17.00	4.75
4.00	3.22	11.00	3.73	18.00	4.80
5.00	3.32	12.00	3.82	19.00	4.82
6.00	3.41	13.00	3.92		

Lake # 120 15 OCT 69 (Day 288) Time: 16 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.5 (C)
Epilimnion Temperature: 8.5 (C)
Planar-Thermocline : 9.5 (M)
Wind: -
Weather Description: RAIN
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.5 (M)
Change at Planar-Thermo: 1.470 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.50	11.00	5.72	16.00	4.40
6.00	8.50	12.00	5.20	17.00	4.38
7.00	8.45	13.00	4.68	18.00	4.40
8.00	8.43	14.00	4.55	19.00	4.47
9.00	7.95	15.00	4.48	19.50	4.48
10.00	6.48				

Lake # 120 27 MAY 71 (Day 147) Time: 10 05 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 4.3 (M)
Inflow Temperature:
Surface Temperature: 12.5 (C)
Epilimnion Temperature: 11.9 (C)
Planar-Thermocline : 4.5 (M)
Wind: 2 - 3 KMPH
Weather Description: WIND VARIES
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 2.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.50	7.00	6.00	14.00	4.70
1.00	11.90	8.00	5.80	15.00	4.60
2.00	11.30	9.00	5.60	16.00	4.60
3.00	10.90	10.00	5.40	17.00	4.70
4.00	10.30	11.00	5.00	18.00	4.70
5.00	8.10	12.00	4.90	19.00	4.80
6.00	6.50	13.00	4.80		

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Lake # 120 21 JUN 71 (Day 172) Time: 08 45 CDT
Air Temperature: 17 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 21.2 (C)
Epilimnion Temperature: 21.2 (C)
Planar-Thermocline : 2.875 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	4.50	10.70	12.00	4.70
1.00	21.20	5.00	9.40	13.00	4.70
2.00	20.90	6.00	8.10	14.00	4.68
2.50	18.20	7.00	6.70	15.00	4.40
2.75	16.30	8.00	6.20	16.00	4.40
3.00	14.00	9.00	5.70	17.00	4.40
4.00	13.20	10.00	5.30	18.00	4.40
4.25	12.70	11.00	5.10	18.70	4.40

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Lake # 120 23 AUG 71 (Day 235) Time: 11 30 CDT
Air Temperature: 15.3 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.1 (M)
Inflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 19.7 (C)
Planar-Thermocline : 3.75 (M)

Wind: 3 - 6 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	6.00	8.20	13.00	5.20
1.00	19.70	7.00	7.00	14.00	5.10
2.00	19.70	8.00	6.30	15.00	5.10
3.00	18.60	9.00	6.00	16.00	5.10
3.50	16.70	10.00	5.70	17.00	5.20
4.00	11.70	11.00	5.50	18.00	5.20
5.00	9.50	12.00	5.50		

****

Lake # 120 19 JUL 71 (Day 200) Time: 08 55 CDT
Air Temperature:
Cloud Cover: 7 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 21.1 (C)
Epilimnion Temperature: 21.1 (C)
Planar-Thermocline : 4.75 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.10	6.00	8.90	13.00	5.40
1.00	21.10	7.00	8.30	14.00	5.40
2.00	21.10	8.00	7.40	15.00	5.30
3.00	21.00	9.00	6.90	16.00	5.10
4.00	18.70	10.00	6.50	17.00	5.20
4.50	16.20	11.00	5.90	18.00	5.20
5.00	12.90	12.00	5.80	18.40	5.20
5.50	10.90				

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Lake # 120 20 SEP 71 (Day 263) Time: 08 20 CDT
Air Temperature: 10.7 (C)
Cloud Cover: 6 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 15.3 (C)
Epilimnion Temperature: 15.5 (C)
Planar-Thermocline : 6.125 (M)

Wind: 3 - 6 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.30	6.50	11.10	13.00	5.80
1.00	15.50	6.75	10.20	14.00	5.40
2.00	15.60	7.00	9.90	15.00	5.40
3.00	15.60	8.00	8.80	16.00	5.50
4.00	15.60	9.00	7.60	17.00	5.50
5.00	15.60	10.00	6.94	18.00	5.50
6.00	15.60	11.00	6.40	18.20	5.30
6.25	12.30	12.00	5.90		

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Lake # 120 25 OCT 71 (Day 298) Time: 09 00 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 5.5 (M)
Inflow Temperature:
Surface Temperature: 9.9 (C)
Epilimnion Temperature: 9.7 (C)
Planar-Thermocline : 9.25 (M)

Wind: 3 - 6 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.25 (M)
Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.90	7.00	9.40	13.00	5.90
1.00	9.70	8.00	9.40	14.00	5.40
2.00	9.50	9.00	9.10	15.00	5.40
3.00	9.40	9.50	7.70	16.00	5.30
4.00	9.40	10.00	7.30	17.00	5.30
5.00	9.40	11.00	6.60	18.00	5.40
6.00	9.40	12.00	6.10	18.60	5.80

Lake # 120 15 FEB 72 (Day 46) Time: 12 10 CST
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.9 (C)
Epilimnion Temperature: 1.71 (C)
Planar-Thermocline : .375 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .375 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.70	6.00	3.51	13.00	4.20
0.50	1.50	7.00	3.69	14.00	4.38
1.00	1.71	8.00	3.85	15.00	4.50
2.00	2.20	9.00	4.01	16.00	4.61
3.00	2.69	10.00	4.08	17.00	4.72
4.00	3.10	11.00	4.15	18.00	4.79
5.00	3.30	12.00	4.16	18.70	4.79

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Lake # 120 14 DEC 71 (Day 348) Time: 11 05 CST
Air Temperature: 5 (C)
Cloud Cover: 9 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.9 (C)
Epilimnion Temperature: 1.79 (C)
Planar-Thermocline : .375 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .375 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.72	6.00	3.03	13.00	4.00
0.50	1.12	7.00	3.14	14.00	4.12
1.00	1.79	8.00	3.34	15.00	4.37
2.00	2.30	9.00	3.49	16.00	4.65
3.00	2.60	10.00	3.80	17.00	4.70
4.00	2.76	11.00	3.81	18.00	4.75
5.00	2.91	12.00	3.90	18.80	4.75

Lake # 120 5 APR 72 (Day 95) Time: 11 40 CST
Air Temperature:
Cloud Cover: 7 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .11 (C)
Epilimnion Temperature: .7 (C)
Planar-Thermocline : 2.5 (M)

Wind: 16 - 32 KMPH
Weather Description: SNOW SQUALLS
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .75 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.11	5.00	3.20	12.00	3.98
0.50	0.20	6.00	3.44	14.00	4.05
1.00	0.70	7.00	3.62	15.00	4.24
2.00	1.31	8.00	3.77	16.00	4.34
3.00	2.42	9.00	3.80	18.00	4.55
4.00	2.81	10.00	3.91	19.00	4.66

Lake # 120 9 MAY 72 (Day 129) Time: 08 45 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 5.98 (C)
Epilimnion Temperature: 5.87 (C)
Planar-Thermocline : 5.5 (M)

Wind: 3 - 8 KMPH
Weather Description: NO ICE
Water Color: YELLOW-GREEN
Outflow Temperature: 6.82 (C)

Epilimnion Depth (1 C/M): 19.1 (M)
Change at Planar-Thermo: 0.230 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.98	7.00	5.04	13.00	4.31
1.00	5.87	8.00	4.94	14.00	4.30
2.00	5.77	9.00	4.82	16.00	4.43
3.00	5.70	10.00	4.62	17.00	4.52
4.00	5.54	11.00	4.40	18.00	4.64
5.00	5.38	12.00	4.39	19.10	4.73
6.00	5.15				

Lake # 120 27 JUN 72 (Day 178) Time: 08 30 CDT
Air Temperature:
Cloud Cover: 2 /10
Secchi Visibility: 5.3 (M)
Inflow Temperature:
Surface Temperature: 21.39 (C)
Epilimnion Temperature: 20.8 (C)
Planar-Thermocline : 4.125 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 22.5 (C)

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.39	4.75	9.99	12.00	4.78
1.00	20.80	5.00	9.11	13.00	4.63
2.00	19.69	6.00	7.69	14.00	4.56
3.00	17.64	7.00	6.62	15.00	4.47
3.75	14.46	8.00	6.19	16.00	4.49
4.00	13.53	9.00	5.72	17.00	4.60
4.25	11.67	10.00	5.30	18.00	4.69
4.50	10.81	11.00	5.06	19.10	4.69

Lake # 120 6 JUN 72 (Day 157) Time: 08 45 CDT
Air Temperature: 23.8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 19.41 (C)
Epilimnion Temperature: 19.41 (C)
Planar-Thermocline : 2.875 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.41	6.00	6.39	13.00	4.16
1.00	19.41	7.00	5.88	14.00	4.06
2.00	18.99	8.00	5.61	15.00	3.98
2.75	15.81	9.00	5.27	16.00	4.04
3.00	13.81	10.00	4.86	17.00	4.18
3.50	11.41	11.00	4.40	18.00	4.24
4.00	9.16	12.00	4.21	18.70	4.28
5.00	7.28				

Lake # 120 25 JUL 72 (Day 206) Time: 08 50 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 20.64 (C)
Epilimnion Temperature: 20.64 (C)
Planar-Thermocline : 4.125 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 19.6 (C)

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 9.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.64	5.00	12.02	13.00	4.77
1.00	20.64	6.00	9.34	14.00	4.67
2.00	20.65	7.00	7.62	15.00	4.60
3.00	20.65	8.00	6.96	16.00	4.55
4.00	19.10	9.00	6.27	17.00	4.64
4.25	16.85	10.00	5.86	18.00	4.71
4.50	14.76	11.00	5.40	19.00	4.76
4.75	13.44	12.00	4.97	19.50	4.78

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Lake # 120 29 AUG 72 (Day 241) Time: 09 00 CDT
Air Temperature: 26.6 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.98 (C)
Epilimnion Temperature: 21.03 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 5.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.98	5.50	12.73	12.00	5.39
1.00	21.03	5.75	12.22	13.00	5.07
2.00	20.85	6.00	11.23	14.00	4.92
3.00	20.54	7.00	8.87	15.00	4.82
4.00	19.22	8.00	7.78	16.00	4.77
4.50	17.63	9.00	6.85	17.00	4.79
4.75	16.33	10.00	6.27	18.00	4.87
5.00	15.35	11.00	5.75	19.00	4.88
5.25	13.98				

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Lake # 120 24 OCT 72 (Day 297) Time: 10 15 CDT
Air Temperature: Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6 (C)
Epilimnion Temperature: 6.02 (C) Epilimnion Depth (1 C/M): 19 (M)
Planar-Thermocline : 13.5 (M) Change at Planar-Thermo: 0.780 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.00	5.00	6.02	16.00	4.99
1.00	6.02	12.00	6.02	17.00	4.97
2.00	6.02	13.00	6.01	18.00	5.02
3.00	6.02	14.00	5.23	19.00	5.06
4.00	6.02	15.00	5.07		

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Lake # 120 26 SEP 72 (Day 269) Time: 09 05 CDT
Air Temperature: 1.6 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 11.41 (C)
Surface Temperature: 12.83 (C)
Epilimnion Temperature: 13.08 (C) Epilimnion Depth (1 C/M): 7.25 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 5.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.83	7.50	10.41	14.00	4.87
1.00	13.08	7.75	8.96	15.00	4.76
2.00	13.10	8.00	8.45	16.00	4.70
3.00	13.10	9.00	7.51	17.00	4.67
4.00	13.10	10.00	6.63	18.00	4.74
5.00	13.10	11.00	5.94	19.00	4.77
6.00	13.10	12.00	5.13	19.50	4.81
7.00	12.31	13.00	5.02		

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Lake # 120 23 MAY 74 (Day 143) Time: 09 20 CST
Air Temperature: 7.2 (C) Wind: 16 - 32 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 12.9 (C)
Surface Temperature: 11.9 (C)
Epilimnion Temperature: 11.9 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 3.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.90	7.00	5.30	14.00	4.40
1.00	11.90	8.00	5.20	15.00	4.30
2.00	11.40	9.00	4.90	16.00	4.30
3.00	8.40	10.00	4.70	17.00	4.40
4.00	6.90	11.00	4.50	18.00	4.40
5.00	6.20	12.00	4.40	19.00	4.50
6.00	5.40	13.00	4.40		

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Lake # 120 20 JUN 74 (Day 171) Time: 09 00 CDT
Air Temperature: 21.1 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 19.18 (C)
Epilimnion Temperature: 18.82 (C)
Planar-Thermocline : 3.625 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature: 18.61 (C)

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 5.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.18	4.50	8.53	12.00	4.95
1.00	18.82	4.75	8.05	13.00	4.79
2.00	17.01	5.00	7.51	14.00	4.71
3.00	15.09	6.00	6.55	15.00	4.68
3.25	14.10	7.00	6.20	16.00	4.65
3.50	13.00	8.00	6.01	17.00	4.69
3.75	11.63	9.00	5.72	18.00	4.75
4.00	10.41	10.00	5.38	19.00	4.81
4.25	9.35	11.00	5.03		

Lake # 120 15 AUG 74 (Day 227) Time: 09 15 CDT
Air Temperature: 18.3 (C)
Cloud Cover: 7 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 19.81 (C)
Epilimnion Temperature: 19.81 (C)
Planar-Thermocline : 4.625 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 19.52 (C)

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 6.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.81	5.25	12.89	12.00	4.99
1.00	19.81	5.50	11.85	13.00	4.95
2.00	19.81	5.75	10.55	14.00	4.95
3.00	19.70	6.00	9.94	15.00	4.78
4.00	18.71	7.00	8.22	16.00	4.70
4.25	18.15	8.00	7.12	17.00	4.70
4.50	17.01	9.00	6.56	18.00	4.71
4.75	5.27	10.00	5.85	18.20	4.77
5.00	13.85	11.00	5.39		

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Lake # 120 18 JUL 74 (Day 199) Time: 09 15 CDT
Air Temperature: 21.1 (C)
Cloud Cover: 5 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 24.13 (C)
Epilimnion Temperature: 24.15 (C)
Planar-Thermocline : 3.875 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.13	4.50	11.75	12.00	5.00
1.00	24.15	4.75	10.69	13.00	4.93
2.00	24.01	5.00	9.81	14.00	4.76
3.00	21.71	6.00	7.98	15.00	4.68
3.25	19.76	7.00	6.98	16.00	4.66
3.50	18.10	8.00	6.49	17.00	4.69
3.75	17.00	9.00	5.95	18.00	4.72
4.00	13.79	10.00	5.68	19.20	4.76
4.25	13.09	11.00	5.35		

Lake # 120 12 SEP 74 (Day 255) Time: 09 10 CDT
Air Temperature:
Cloud Cover: 1 /10
Secchi Visibility: 4.25 (M)
Inflow Temperature:
Surface Temperature: 13.72 (C)
Epilimnion Temperature: 13.72 (C)
Planar-Thermocline : 5.875 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.875 (M)
Change at Planar-Thermo: 7.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.72	6.00	11.75	13.00	4.90
1.00	13.72	6.50	9.62	14.00	4.80
2.00	13.72	7.00	8.95	15.00	4.70
3.00	13.72	8.00	7.50	16.00	4.70
4.00	13.72	9.00	6.70	17.00	4.68
5.00	13.72	10.00	6.20	18.00	4.68
5.25	13.70	11.00	5.50	19.00	4.74
5.75	13.60	12.00	5.05	19.25	4.70

****

Lake # 120 2 OCT 74 (Day 275) Time: 09 20 CDT
Air Temperature: 1.6 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.02 (C)
Epilimnion Temperature: 9.2 (C) Epilimnion Depth (1 C/M): 8.5 (M)
Planar-Thermocline : 8.5 (M) Change at Planar-Thermo: 2.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.02	8.00	9.12	14.00	4.90
1.00	9.20	9.00	6.82	15.00	4.78
2.00	9.20	10.00	6.28	16.00	4.70
4.00	9.20	11.00	5.68	17.00	4.70
6.00	9.20	12.00	5.30	18.00	4.70
7.00	9.20	13.00	5.04	19.00	4.70

****

Lake # 120 7 NOV 74 (Day 311) Time: 09 20 CST
Air Temperature: 4.4 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.02 (C)
Epilimnion Temperature: 5.02 (C) Epilimnion Depth (1 C/M): 19 (M)
Planar-Thermocline : 14.5 (M) Change at Planar-Thermo: 0.220 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.02	10.00	5.02	15.00	4.76
1.00	5.02	11.00	5.00	16.00	4.70
3.00	5.02	12.00	4.98	17.00	4.70
5.00	5.02	13.00	4.98	18.00	4.70
7.00	5.02	14.00	4.98	19.00	4.70
9.00	5.02				

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Lake # 222 20 MAY 80 (Day 140) Time:
Air Temperature: 17.4 (C) Wind: 2 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: ORANGE-GREEN
Inflow Temperature: 6.87 (C) Outflow Temperature: 14.09 (C)
Surface Temperature: 16.64 (C)
Epilimnion Temperature: 16.5 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 1.375 (M) Change at Planar-Thermo: 9.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.64	2.50	10.83	4.00	7.75
1.00	16.50	2.75	10.53	4.25	6.85
1.25	15.77	3.00	10.09	4.50	6.62
1.50	13.45	3.25	9.06	4.75	6.51
1.75	12.86	3.25	7.56	5.00	6.38
2.00	11.82	3.50	8.08	5.25	6.27
2.25	11.21				

****

Lake # 222 17 JUN 80 (Day 168) Time: 08 15 CDT
Air Temperature: 15.4 (C) Wind: 2 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: 9 (C) Outflow Temperature: 13.7 (C)
Surface Temperature: 18.47 (C)
Epilimnion Temperature: 18.47 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.47	3.00	15.52	4.25	9.20
1.00	18.47	3.25	14.11	4.50	8.41
2.00	17.89	3.50	12.18	4.75	7.86
2.25	17.77	3.75	11.06	5.00	7.57
2.50	17.35	4.00	10.10	5.25	7.51
2.75	16.38				

****

Lake # 222 15 JUL 80 (Day 196) Time: 09 40 CDT
Air Temperature: 23.8 (C) Wind: 0 - 1 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: ORANGE
Inflow Temperature: 16 (C) Outflow Temperature:
Surface Temperature: 23.7 (C)
Epilimnion Temperature: 23.4 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.70	2.75	21.10	4.00	13.99
1.00	23.40	3.00	19.10	4.25	12.75
2.00	23.20	3.25	17.75	4.50	11.95
2.25	23.20	3.50	16.49	4.75	10.91
2.50	22.35	3.75	15.40	5.00	9.91

****

Lake # 222 12 AUG 80 (Day 224) Time: 08 30 CDT
Air Temperature: 18.5 (C) Wind: 0 - 1 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: DARK -ORANGE
Inflow Temperature: 14.2 (C) Outflow Temperature: 18.5 (C)
Surface Temperature: 21.41 (C)
Epilimnion Temperature: 21.43 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 9.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.41	3.50	19.99	4.50	14.89
1.00	21.43	3.75	19.25	4.75	12.56
2.00	21.43	4.00	17.79	5.00	11.98
3.00	20.91	4.25	16.68	5.25	11.13
3.25	20.42				

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Lake # 222 9 SEP 80 (Day 252) Time: 08 45 CDT
Air Temperature: 20.52 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature: 7.23 (C)
Surface Temperature: 20.05 (C)
Epilimnion Temperature: 19.78 (C)
Planar-Thermocline : 4.625 (M)
Wind: 0 - 5 KMPH
Weather Description: HAZE
Water Color: YELLOW
Outflow Temperature: 19.22 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 8.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.05	4.00	17.27	4.75	14.71
1.00	19.78	4.25	16.90	5.00	13.66
2.00	18.23	4.50	16.74	5.25	12.87
3.00	17.83				

****

Lake # 222 14 JUN 81 (Day 165) Time: 10 20 CDT
Air Temperature: 16.8 (C)
Cloud Cover: 5 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature: 7.9 (C)
Surface Temperature: 18.16 (C)
Epilimnion Temperature: 18.15 (C)
Planar-Thermocline : 3.125 (M)
Wind: 10 - 15 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature: 18.2 (C)
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 7.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.16	3.00	14.99	4.50	8.57
1.00	18.15	3.25	13.22	4.75	7.94
2.00	17.27	3.50	11.85	5.00	7.58
2.25	16.96	3.75	11.37	5.25	7.18
2.50	16.58	4.00	10.12	5.50	7.11
2.75	15.93	4.25	9.30		

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Lake # 222 7 OCT 80 (Day 280) Time: 08 15 CDT
Air Temperature: 9 (C)
Cloud Cover:
Secchi Visibility: 2.1 (M)
Inflow Temperature: 6 (C)
Surface Temperature: 9.91 (C)
Epilimnion Temperature: 9.93 (C)
Planar-Thermocline : 4.5 (M)
Wind: -
Weather Description:
Water Color: YELLOW-BROWN -ORANGE
Outflow Temperature: 7.5 (C)
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 0.150 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.91	3.00	9.93	5.00	9.78
1.00	9.93	4.00	9.93	5.50	9.81
2.00	9.93				

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Lake # 222 0 JUL 81 (Day 181) Time: 08 35 CDT
Air Temperature: 17.2 (C)
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature: 7.5 (C)
Surface Temperature: 18.16 (C)
Epilimnion Temperature: 18.7 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature: 17.5 (C)
Epilimnion Depth (1 C/M): 1 (M)
Change at Planar-Thermo: 0.010 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	18.70				

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Lake # 222 1 JUN 81 (Day 152) Time: 15 10 CDT
Air Temperature: -18.333 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature: 9.5 (C)
Surface Temperature: 9.91 (C)
Epilimnion Temperature: 16.8 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature: 13.2 (C)
Epilimnion Depth (1 C/M): 1 (M)
Change at Planar-Thermo: -.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	16.80				

Lake # 222 13 JUL 81 (Day 194) Time: 09 50 CDT
Air Temperature: 24 (C)
Cloud Cover: 5 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature: 8 (C)
Surface Temperature: 25.51 (C)
Epilimnion Temperature: 24.96 (C)
Planar-Thermocline : 2.375 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature: 23.5 (C)

Epilimnion Depth (1 C/M): 1.125 (M)
Change at Planar-Thermo: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.51	2.25	20.97	3.75	13.12
0.50	25.40	2.50	19.15	4.00	11.88
1.00	24.96	2.75	17.54	5.50	13.80
1.25	23.69	3.00	16.61	11.05	11.16
1.50	23.52	3.25	15.16	17.50	22.40
2.00	22.35				

Lake # 222 10 AUG 81 (Day 222) Time: 08 45 CDT
Air Temperature: 17.2 (C)
Cloud Cover: 4 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature: 5.9 (C)
Surface Temperature: 21.64 (C)
Epilimnion Temperature: 21.64 (C)
Planar-Thermocline : 3.875 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: BROWN -ORANGE
Outflow Temperature: 17 (C)

Epilimnion Depth (1 C/M): 2.625 (M)
Change at Planar-Thermo: 6.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.64	2.75	20.30	4.00	13.79
1.00	21.64	3.00	19.16	4.25	12.58
2.00	21.50	3.25	17.98	4.50	12.03
2.25	21.34	3.50	16.44	4.75	11.17
2.50	21.23	3.75	15.50	5.00	10.19

Lake # 222 28 JUL 81 (Day 209) Time: 09 10 CDT
Air Temperature: 21 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature: 8 (C)
Surface Temperature: 25.51 (C)
Epilimnion Temperature: 20 (C)
Planar-Thermocline : .25 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature: 17.5 (C)

Epilimnion Depth (1 C/M): 1 (M)
Change at Planar-Thermo: 0.220 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	20.00				

Lake # 222 25 AUG 81 (Day 237) Time: 08 50 CDT
Air Temperature: 14.2 (C)
Cloud Cover: 9 /10
Secchi Visibility:
Inflow Temperature: 2.9 (C)
Surface Temperature: 21.64 (C)
Epilimnion Temperature: 17.3 (C)
Planar-Thermocline : .5 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color:
Outflow Temperature: 13.9 (C)

Epilimnion Depth (1 C/M): 1 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	17.30				

Lake # 222 7 SEP 81 (Day 250) Time: 08 15 CDT
Air Temperature: 14 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: ORANGE
Inflow Temperature: 6.72 (C) Outflow Temperature: 15.39 (C)
Surface Temperature: 17.42 (C)
Epilimnion Temperature: 17.42 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.42	3.50	17.40	4.50	13.60
1.00	17.42	3.75	17.02	4.75	11.80
2.00	17.42	4.00	16.19	5.00	11.20
3.00	17.42	4.25	14.48	5.25	10.56
3.25	17.40				

Lake # 222 22 SEP 81 (Day 265) Time: 12 30 CDT
Air Temperature: 11.5 (C) Wind: 5 - 10 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: 3 (C) Outflow Temperature: 8 (C)
Surface Temperature: 17.42 (C)
Epilimnion Temperature: 10 (C) Epilimnion Depth (1 C/M): 1 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	10.00				

Lake # 222 5 OCT 81 (Day 278) Time: 08 40 CDT
Air Temperature: 11 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: NO WIND
Secchi Visibility: 1.5 (M) Water Color: ORANGE
Inflow Temperature: 5.5 (C) Outflow Temperature: 7.8 (C)
Surface Temperature: 9.47 (C)
Epilimnion Temperature: 9.47 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.47	2.00	9.47	4.00	9.47
1.00	9.47	3.00	9.47	5.00	9.47

Lake # 222 20 OCT 81 (Day 293) Time: 11 13 CDT
Air Temperature: 4 (C) Wind: 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: 5 (C) Outflow Temperature: 6 (C)
Surface Temperature: 9.47 (C)
Epilimnion Temperature: 8 (C) Epilimnion Depth (1 C/M): 1 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	8.00				

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Lake # 222 24 MAY 82 (Day 144) Time: 08 56 CDT
Air Temperature: 21 (C) Wind: 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: ORANGE
Inflow Temperature: 6 (C) Outflow Temperature: 16 (C)
Surface Temperature: 16.54 (C)
Epilimnion Temperature: 16.14 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 6.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.54	2.25	12.62	3.50	7.38
1.00	16.14	2.50	11.76	3.75	6.74
1.25	15.40	2.75	11.14	4.00	6.07
1.50	14.79	3.00	9.92	5.00	5.41
1.75	13.56	3.25	8.35	5.25	5.28
2.00	13.03				

Lake # 222 19 JUL 82 (Day 200) Time: 08 50 CDT
Air Temperature: 20.5 (C) Wind: 0 - 5 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: ORANGE
Inflow Temperature: 7 (C) Outflow Temperature:
Surface Temperature: 20.75 (C)
Epilimnion Temperature: 20.06 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.75	2.75	18.15	4.00	10.40
1.00	20.06	3.00	15.43	4.25	9.11
2.00	19.62	3.25	13.92	4.50	8.42
2.25	19.87	3.50	12.57	4.75	7.94
2.50	19.09	3.75	11.28	5.00	7.90

****

Lake # 222 21 JUN 82 (Day 172) Time: 09 10 CDT
Air Temperature: 15 (C) Wind: 0 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: ORANGE-BROWN
Inflow Temperature: 7 (C) Outflow Temperature:
Surface Temperature: 17.2' (C)
Epilimnion Temperature: 17.3 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.26	2.75	13.22	4.00	7.67
1.00	17.30	3.00	11.95	4.25	6.93
2.00	17.23	3.25	10.89	4.50	6.71
2.25	16.45	3.50	9.53	4.75	6.31
2.50	16.07	3.75	8.48	5.00	6.10

****

Lake # 222 16 AUG 82 (Day 228) Time: 10 05 CDT
Air Temperature: 23 (C) Wind: 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.71 (C)
Epilimnion Temperature: 21.58 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.71	2.75	18.77	4.00	12.59
1.00	21.58	3.00	17.53	4.25	10.97
2.00	20.57	3.25	15.89	4.50	10.23
2.25	19.75	3.50	14.05	4.75	9.31
2.50	19.35	3.75	13.57	5.00	8.97

****

Lake # 222 13 SEP 82 (Day 256) Time: 09 20 CDT
Air Temperature: 13 (C) Wind: 0 - 0 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: ORANGE
Inflow Temperature: 5 (C) Outflow Temperature:
Surface Temperature: 16.92 (C)
Epilimnion Temperature: 16.92 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 3.790 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.92	2.00	16.84	4.00	13.15
1.00	16.92	3.00	15.63	5.00	9.36

****

Lake # 222 11 OCT 82 (Day 284) Time: 10 08 CDT
Air Temperature: 7 (C) Wind: 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: ORANGE
Inflow Temperature: 6 (C) Outflow Temperature:
Surface Temperature: 9.51 (C)
Epilimnion Temperature: 9.51 (C) Epilimnion Depth (1 C/M): 5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.51	2.00	9.51	4.00	9.51
1.00	9.51	3.00	9.51	5.00	9.51

****

Lake # 222 11 MAY 83 (Day 131) Time: 08 45 CDT
Air Temperature: 16 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.8 (C)
Epilimnion Temperature: 9.3 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.80	3.00	7.70	4.25	5.80
1.00	9.30	3.25	7.20	4.50	5.50
2.00	9.10	3.50	6.70	4.75	5.40
2.25	8.50	3.75	6.40	5.00	5.30
2.50	8.40	4.00	6.10	5.25	5.20
2.75	8.10				

****

Lake # 222 23 MAY 83 (Day 143) Time: 08 50 CDT
Air Temperature: 12 (C) Wind: E 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.6 (C)
Epilimnion Temperature: 12.3 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.60	2.75	10.60	4.00	8.00
1.00	12.30	3.00	9.90	4.25	7.70
2.00	12.00	3.25	9.20	4.50	7.30
2.25	11.60	3.50	8.70	4.75	7.10
2.50	11.00	3.75	8.30	5.00	6.80

Lake # 222 20 JUN 83 (Day 171) Time: 08 45 CDT
Air Temperature: 18.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 19.6 (C)
Epilimnion Temperature: 19.6 (C)
Planar-Thermocline : 3.125 (M)
Wind: NE 0 - 5 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.375 (M)
Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.60	2.50	16.20	4.00	9.10
1.00	19.60	2.75	15.00	4.25	8.40
1.25	19.40	3.00	13.70	4.50	8.00
1.50	18.60	3.25	12.10	4.75	7.60
1.75	18.00	3.50	11.00	5.00	7.30
2.00	17.50	3.75	10.00	5.25	6.90
2.25	16.70				

Lake # 222 15 AUG 83 (Day 227) Time: 08 38 CDT
Air Temperature: 22 (C)
Cloud Cover: 8 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 23 (C)
Epilimnion Temperature: 23 (C)
Planar-Thermocline : 3.375 (M)
Wind: SE 10 - 15 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.00	3.00	18.70	4.25	11.10
1.00	23.00	3.25	16.90	4.50	10.50
2.00	22.60	3.50	14.30	4.75	9.70
2.25	22.30	3.75	13.10	5.00	9.10
2.50	21.70	4.00	12.30	5.25	8.30
2.75	20.50				

Lake # 222 18 JUL 83 (Day 199) Time: 09 20 CDT
Air Temperature: 24 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 24.7 (C)
Epilimnion Temperature: 24.7 (C)
Planar-Thermocline : 2.125 (M)
Wind: NE 0 - 5 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.625 (M)
Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.70	2.50	19.40	4.00	11.30
1.00	24.70	2.75	17.60	4.25	10.40
1.25	24.60	3.00	16.00	4.50	9.70
1.50	24.60	3.25	14.40	4.75	8.80
1.75	23.70	3.50	13.40	5.00	8.30
2.00	22.50	3.75	12.20	5.25	7.90
2.25	20.60				

Lake # 222 12 SEP 83 (Day 255) Time: 08 45 CDT
Air Temperature: 13 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 16.6 (C)
Epilimnion Temperature: 16.6 (C)
Planar-Thermocline : 4.625 (M)
Wind: 0 - 0 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.60	3.50	16.50	4.50	12.70
1.00	16.60	3.75	16.20	4.75	10.80
2.00	16.60	4.00	15.40	5.00	10.10
3.00	16.60	4.25	14.20	5.25	9.55

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Lake # 222 10 OCT 83 (Day 283) Time: 08 45 CDT
Air Temperature: 10.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.4 (M)
Inflow Temperature:
Surface Temperature: 9.7 (C)
Epilimnion Temperature: 9.5 (C)
Planar-Thermocline : .5 (M)
Wind: SW 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 5 (M)
Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.70	2.00	9.50	4.00	9.40
1.00	9.50	3.00	9.50	5.00	9.20

Lake # 223 22 MAY 74 (Day 142) Time: 09 30 CDT
Air Temperature: 10 (C)
Cloud Cover: 3 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 11.49 (C)
Epilimnion Temperature: 11.4 (C)
Planar-Thermocline : 2.25 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 3.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.49	4.00	8.10	9.00	5.41
1.00	11.40	5.00	6.55	10.00	5.28
2.00	11.00	6.00	6.35	11.00	5.01
2.50	9.49	7.00	5.82	12.00	5.00
3.00	8.91	8.00	5.50	13.00	5.00

****

Lake # 223 19 JUN 74 (Day 170) Time: 09 00 CDT
Air Temperature: 13 (C)
Cloud Cover: 5 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 16.41 (C)
Epilimnion Temperature: 16.4 (C)
Planar-Thermocline : 4.625 (M)
Wind: 3 - 8 KMPH
Weather Description: POLLEN
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.41	4.00	14.65	9.00	5.95
1.00	16.40	4.50	12.95	10.00	5.70
2.00	16.40	4.75	10.45	11.00	5.61
3.00	16.38	5.00	9.55	12.00	5.55
3.25	15.60	6.00	8.40	13.00	5.40
3.50	15.05	7.00	7.25	13.50	5.40
3.75	14.95	8.00	6.40		

****

Lake # 223 17 JUL 74 (Day 198) Time: 09 45 CDT
Air Temperature: 18 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.4 (C)
Epilimnion Temperature: 23.4 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.40	4.75	15.48	8.00	7.48
1.00	23.40	5.00	14.39	9.00	6.80
2.00	23.35	5.25	13.00	10.00	6.35
3.00	23.30	5.50	11.92	11.00	6.05
4.00	22.20	5.75	11.20	12.00	5.75
4.25	19.02	6.00	10.40	13.00	5.62
4.50	17.10	7.00	8.52	13.20	5.61

****

Lake # 223 14 AUG 74 (Day 226) Time: 09 15 CDT
Air Temperature: 16 (C) Wind: 3 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 5.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.3 (C)
Epilimnion Temperature: 20.3 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 8.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.30	5.50	17.80	9.00	7.60
1.00	20.30	5.75	16.10	10.00	6.70
2.00	20.29	6.00	14.02	11.00	6.20
3.00	20.22	6.50	11.65	12.00	5.80
4.00	20.15	7.00	10.51	13.00	5.70
5.00	19.70	8.00	8.78	13.10	5.68
5.25	18.40				

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Lake # 223 11 SEP 74 (Day 254) Time: 09 15 CDT
Air Temperature: 7 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: FOGGY,MIST
Secchi Visibility: 6.25 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.41 (C)
Epilimnion Temperature: 14.47 (C) Epilimnion Depth (1 C/M): 7.25 (M)
Planar-Thermocline : 7.75 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.41	6.00	14.47	10.00	7.25
1.00	14.47	7.00	14.30	11.00	6.50
2.00	14.47	7.50	13.10	12.00	6.20
3.00	14.47	8.00	10.70	13.00	6.00
4.00	14.47	8.50	8.90	13.50	5.91
5.00	14.47	9.00	8.20		

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Lake # 223 9 OCT 74 (Day 282) Time: 09 20 CDT
Air Temperature: 6 (C) Wind: 8 - 24 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.75 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.9 (C)
Epilimnion Temperature: 7.9 (C) Epilimnion Depth (1 C/M): 13.6 (M)
Planar-Thermocline : 13.3 (M) Change at Planar-Thermo: 0.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.90	5.00	7.90	10.00	7.90
1.00	7.90	6.00	7.90	11.00	7.90
2.00	7.90	7.00	7.90	12.00	7.89
3.00	7.90	8.00	7.90	13.00	7.88
4.00	7.90	9.00	7.90	13.60	7.85

Lake # 223 2 JUN 75 (Day 153) Time: 08 45 CDT
Air Temperature: 16.4 (C) Wind: 8 - 16 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.38 (C)
Epilimnion Temperature: 16.34 (C) Epilimnion Depth (1 C/M): 3.75 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 7.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.38	4.25	13.79	8.00	6.21
1.00	16.34	4.50	11.82	9.00	5.69
2.00	16.31	4.75	11.03	10.00	5.20
2.50	16.51	5.00	10.35	11.00	4.89
3.00	16.26	5.50	9.29	12.00	4.76
3.50	16.23	6.00	8.39	13.00	4.66
4.00	14.98	7.00	7.07		

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Lake # 223 6 NOV 74 (Day 310) Time: 09 15 CST
Air Temperature: -1 (C) Wind: 3 - 8 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.9 (C)
Epilimnion Temperature: 4.9 (C) Epilimnion Depth (1 C/M): 13.1 (M)
Planar-Thermocline : 12.55 (M) Change at Planar-Thermo: -.036 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.90	5.00	4.92	10.00	4.92
1.00	4.90	6.00	4.92	11.00	4.94
2.00	4.92	7.00	4.92	12.00	4.94
3.00	4.92	8.00	4.92	13.10	4.98
4.00	4.92	9.00	4.92		

****

Lake # 223 0 JUL 75 (Day 181) Time: 09 45 CDT
Air Temperature: 20 (C) Wind: 3 - 8 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.84 (C)
Epilimnion Temperature: 22.72 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 7.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.84	4.75	17.72	7.00	8.93
1.00	22.72	5.00	16.42	8.00	7.48
2.00	22.53	5.25	15.39	9.00	6.39
3.00	22.41	5.50	13.83	10.00	5.96
4.00	21.84	5.75	12.52	11.00	5.53
4.25	19.85	6.00	11.84	12.00	5.31
4.50	18.74	6.50	10.29	13.00	5.07

****

Lake # 223 28 JUL 75 (Day 209) Time: 09 20 CDT
Air Temperature: 22 (C) Wind: 3 - 8 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.89 (C)
Epilimnion Temperature: 21.91 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 8.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.89	5.00	18.58	8.00	8.02
1.00	21.91	5.25	16.42	9.00	6.83
2.00	21.94	5.50	15.77	10.00	6.29
3.00	21.93	5.75	14.48	11.00	5.91
4.00	21.92	6.00	13.19	12.00	5.56
4.50	21.60	6.50	11.15	13.00	5.10
4.75	20.32	7.00	10.07		

****

Lake # 223 22 SEP 75 (Day 265) Time: 09 15 CDT
Air Temperature: 11.5 (C) Wind: -
Cloud Cover: 8 /10 Weather Description: CALM
Secchi Visibility: 5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.65 (C)
Epilimnion Temperature: 12.65 (C) Epilimnion Depth (1 C/M): 8.75 (M)
Planar-Thermocline : 8.75 (M) Change at Planar-Thermo: 4.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.65	8.00	12.65	11.00	6.63
1.00	12.65	8.50	12.38	12.00	6.02
2.00	12.65	9.00	10.34	13.00	5.62
4.00	12.65	9.50	8.88	13.50	5.55
6.00	12.65	10.00	7.37		

****

Lake # 223 25 AUG 75 (Day 237) Time: 09 00 CDT
Air Temperature: 14 (C) Wind: 16 - 24 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.5 (M) Water Color: DARK -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.93 (C)
Epilimnion Temperature: 18.99 (C) Epilimnion Depth (1 C/M): 5.75 (M)
Planar-Thermocline : 6.25 (M) Change at Planar-Thermo: 5.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.93	5.50	18.95	10.00	7.17
1.00	18.99	6.00	18.31	11.00	6.37
2.00	19.02	6.50	15.43	12.00	5.91
3.00	18.99	7.00	13.76	13.00	5.83
4.00	18.72	8.00	10.73	14.00	5.72
4.50	18.92	9.00	7.93	14.50	5.75
5.00	18.90				

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Lake # 223 20 OCT 75 (Day 293) Time: 09 25 CDT
Air Temperature: 8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description: WINDS-GUSTY
Secchi Visibility: 3.75 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature: .
Surface Temperature: 9.94 (C)
Epilimnion Temperature: 9.94 (C) Epilimnion Depth (1 C/M): 11.125 (M)
Planar-Thermocline : 11.375 (M) Change at Planar-Thermo: 3.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.94	6.00	9.94	11.25	8.90
1.00	9.94	7.00	9.94	11.50	7.96
2.00	9.94	8.00	9.94	11.75	7.48
3.00	9.94	9.00	9.94	12.00	6.88
4.00	9.94	10.00	9.94	13.00	6.44
5.00	9.94	11.00	9.72	14.00	6.31

****

Lake # 223 4 MAY 76 (Day 124) Time: 10 00 CDT
Air Temperature: 4 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature: 6.5 (C)
Surface Temperature: 6.16 (C)
Epilimnion Temperature: 6.16 (C)
Planar-Thermocline : 11.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature: 6.8 (C)
Epilimnion Depth (1 C/M): 13.6 (M)
Change at Planar-Thermo: 0.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.16	5.00	6.10	10.00	5.81
1.00	6.16	6.00	6.09	11.00	5.68
2.00	6.13	7.00	6.08	12.00	5.36
3.00	6.12	8.00	6.06	13.00	5.16
4.00	6.11	9.00	5.95	13.60	5.13

****

Lake # 223 1 JUN 76 (Day 152) Time: 12 00 CDT
Air Temperature: 26 (C)
Cloud Cover: 1 /10
Secchi Visibility: 5.4 (M)
Inflow Temperature: 23.15 (C)
Surface Temperature: 20.08 (C)
Epilimnion Temperature: 19.3 (C)
Planar-Thermocline : 4.375 (M)

Wind: -
Weather Description: HAZE
Water Color: GREEN
Outflow Temperature: 22.18 (C)
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 4.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.08	4.50	13.82	7.50	8.17
1.00	19.30	4.75	12.88	8.00	7.82
2.00	18.32	5.00	12.22	9.00	7.20
2.50	17.78	5.25	11.67	10.00	6.92
3.00	17.04	5.50	10.96	11.00	6.76
3.50	16.42	5.75	10.49	12.00	6.64
3.75	15.95	6.00	10.11	13.00	6.59
4.00	15.57	6.50	9.43	14.00	6.51
4.25	15.04	7.00	8.75		

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Lake # 223 18 MAY 76 (Day 138) Time: 10 45 CDT
Air Temperature: 17.8 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature: 11.8 (C)
Surface Temperature: 10.92 (C)
Epilimnion Temperature: 10.87 (C)
Planar-Thermocline : 5.875 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 12.2 (C)
Epilimnion Depth (1 C/M): 4.875 (M)
Change at Planar-Thermo: 1.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.92	4.50	9.84	7.00	7.66
1.00	10.87	4.75	9.73	8.00	7.42
2.00	10.81	5.00	9.45	9.00	6.98
3.00	10.74	5.25	9.19	10.00	6.71
3.50	10.38	5.50	9.04	11.00	6.50
3.75	10.14	5.75	8.76	12.00	6.44
4.00	9.95	6.00	8.37	13.00	6.37
4.25	9.92	6.50	8.03	13.50	6.35

****

Lake # 223 15 JUN 76 (Day 166) Time: 09 40 CDT
Air Temperature: 16.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 5.8 (M)
Inflow Temperature:
Surface Temperature: 19.83 (C)
Epilimnion Temperature: 19.97 (C)
Planar-Thermocline : 4.625 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 16.92 (C)
Epilimnion Depth (1 C/M): 4.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.83	4.75	16.23	8.00	8.56
1.00	19.97	5.00	14.67	9.00	7.83
2.00	20.00	5.25	14.03	10.00	7.34
3.00	19.97	5.50	13.03	11.00	6.97
4.00	19.88	5.75	12.37	12.00	6.73
4.25	19.73	6.00	11.80	13.00	6.64
4.50	19.04	7.00	9.74	13.90	6.63

Lake # 223 13 JUL 76 (Day 194) Time: 10 15 CDT
Air Temperature: 27 (C) Wind: 0 - 8 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: 16.85 (C) Outflow Temperature: 21.24 (C)
Surface Temperature: 22.28 (C)
Epilimnion Temperature: 22.25 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.28	5.50	18.31	8.00	10.30
1.00	22.25	5.75	17.25	8.50	9.85
2.00	22.16	6.00	16.13	9.00	9.43
3.00	22.12	6.25	14.99	10.00	8.27
4.00	22.10	6.50	14.09	11.00	7.66
4.50	21.98	6.75	12.97	12.00	7.26
5.00	20.19	7.00	12.33	13.00	6.97
5.25	19.38	7.50	11.18	13.75	6.95

Lake # 223 27 JUL 76 (Day 208) Time: 10 15 CDT
Air Temperature: 21.9 (C) Wind: 16 - 24 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 21.02 (C)
Surface Temperature: 21.88 (C)
Epilimnion Temperature: 21.87 (C) Epilimnion Depth (1 C/M): 5.5 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 7.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.88	6.25	17.48	8.00	11.42
1.00	21.87	6.50	16.01	9.00	9.67
2.00	21.87	6.75	15.05	10.00	8.72
3.00	21.85	7.00	13.98	11.00	8.18
4.00	21.83	7.25	12.77	12.00	7.47
5.00	21.82	7.50	12.17	13.00	7.00
6.00	19.42	7.75	11.92	13.50	7.02

Lake # 223 28 JUN 76 (Day 179) Time: 10 40 CDT
Air Temperature: 18.1 (C) Wind: -
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 7.3 (M) Water Color: GREEN
Inflow Temperature: 19.03 (C) Outflow Temperature: 20.98 (C)
Surface Temperature: 19.98 (C)
Epilimnion Temperature: 19.56 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 6.25 (M) Change at Planar-Thermo: 4.260 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.98	5.00	17.74	8.00	9.31
1.00	19.56	5.25	17.05	9.00	8.25
2.00	19.50	5.50	16.03	10.00	7.67
3.00	19.44	5.75	15.58	11.00	7.28
4.00	19.40	6.00	14.82	12.00	6.89
4.25	18.86	6.50	12.69	13.00	6.73
4.50	18.74	7.00	10.87	13.80	6.67
4.75	18.43				

Lake # 223 24 AUG 76 (Day 236) Time: 10 45 CDT
Air Temperature: 21.1 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 6.25 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature: 18.2 (C)
Surface Temperature: 22.17 (C)
Epilimnion Temperature: 22.19 (C) Epilimnion Depth (1 C/M): 5.875 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.17	6.00	20.56	8.50	12.08
1.00	22.19	6.25	20.39	9.00	11.00
2.00	22.15	6.50	19.83	9.50	10.17
3.00	22.10	6.75	19.22	10.00	9.65
4.00	22.04	7.00	18.46	11.00	8.64
5.00	21.43	7.25	16.71	12.00	7.89
5.25	21.30	7.50	14.93	13.00	7.54
5.50	21.28	7.75	13.98	14.50	7.45
5.75	21.05	8.00	13.23		

Lake # 223 10 AUG 76 (Day 222) Time: 10 15 CDT
Air Temperature: 24.85 (C) Wind: -
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 20.01 (C)
Surface Temperature: 21.38 (C)
Epilimnion Temperature: 21.37 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 8.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.38	6.75	17.16	9.50	9.55
1.00	21.37	7.00	15.95	10.00	9.17
2.00	21.33	7.25	14.61	10.50	8.49
3.00	21.30	7.50	13.60	11.00	8.14
4.00	21.30	7.75	12.79	12.00	7.47
5.00	21.28	8.00	12.35	13.00	7.15
6.00	21.27	8.50	10.97	14.00	7.07
6.25	20.24	9.00	10.25	14.50	7.00
6.50	19.28				

Lake # 223 21 SEP 76 (Day 264) Time: 10 30 CDT
Air Temperature: 16.2 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5.25 (M) Water Color: DARK -GREEN
Inflow Temperature: Outflow Temperature: 10.71 (C)
Surface Temperature: 16.72 (C)
Epilimnion Temperature: 16.75 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.72	8.25	16.45	10.25	9.85
1.00	16.75	8.50	16.25	10.50	9.42
2.00	16.76	8.75	13.48	10.75	9.04
3.00	16.76	9.00	12.25	11.00	8.79
4.00	16.77	9.25	11.70	12.00	8.09
5.00	16.77	9.50	11.06	13.00	7.75
6.00	16.76	9.75	10.55	14.00	7.63
7.00	16.76	10.00	10.26	14.30	7.60
8.00	16.70				

Lake # 223 7 SEP 76 (Day 250) Time: 10 15 CDT
Air Temperature: 16.9 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 14.72 (C)
Surface Temperature: 17.94 (C)
Epilimnion Temperature: 17.92 (C) Epilimnion Depth (1 C/M): 7.875 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.94	6.00	17.75	8.75	12.07
1.00	17.92	6.25	17.75	9.00	11.27
2.00	17.87	6.50	17.73	9.25	10.89
3.00	17.85	6.75	17.73	9.50	10.48
4.00	17.82	7.00	17.73	9.75	10.17
4.25	17.70	7.25	17.73	10.00	9.54
4.50	17.76	7.50	17.72	11.00	8.69
4.75	17.75	7.75	17.69	12.00	7.92
5.00	17.75	8.00	16.09	13.00	7.69
5.25	17.75	8.25	15.00	14.00	7.56
5.50	17.75	8.50	12.85	14.30	7.48
5.75	17.75				

Lake # 223 5 OCT 76 (Day 278) Time: 10 00 CDT
Air Temperature: 13 (C) Wind: 16 - 19 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 3.9 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 10.57 (C)
Surface Temperature: 13 (C)
Epilimnion Temperature: 13.01 (C) Epilimnion Depth (1 C/M): 10.125 (M)
Planar-Thermocline : 11.125 (M) Change at Planar-Thermo: 4.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.00	8.00	12.90	11.25	9.17
1.00	13.01	9.00	12.71	11.50	8.61
2.00	13.01	9.50	12.52	11.75	8.30
3.00	13.01	10.00	12.19	12.00	8.13
4.00	13.01	10.25	11.78	13.00	7.81
5.00	13.00	10.50	10.90	14.00	7.71
6.00	13.00	10.75	10.51	14.30	7.65
7.00	12.94	11.00	10.21		

Lake # 223 19 OCT 76 (Day 292) Time: 10 00 CDT
Air Temperature: 9.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 4.1 (C)
Surface Temperature: 8.23 (C)
Epilimnion Temperature: 8.23 (C) Epilimnion Depth (1 C/M): 14.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.23	6.00	8.28	11.00	8.26
1.00	8.23	7.00	8.28	12.00	8.26
2.00	8.28	8.00	8.28	13.00	8.24
3.00	8.29	9.00	8.28	14.00	8.24
4.00	8.28	10.00	8.28	14.50	8.24
5.00	8.28				

Lake # 223 2 MAY 77 (Day 122) Time: 09 05 CDT
Air Temperature: 8 (C) Wind: 0 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.15 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 4.64 (C)
Surface Temperature: 7 (C)
Epilimnion Temperature: 6.99 (C) Epilimnion Depth (1 C/M): 7.25 (M)
Planar-Thermocline : 7.25 (M) Change at Planar-Thermo: 1.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.00	5.00	6.87	10.00	5.76
0.50	7.00	5.50	6.86	10.50	5.66
1.00	6.99	6.00	6.86	11.00	5.57
1.50	6.93	6.50	6.82	11.50	5.36
2.00	6.93	7.00	6.70	12.00	5.27
2.50	6.89	7.50	6.19	12.50	5.18
3.00	6.88	8.00	6.10	13.00	5.15
3.50	6.87	8.50	6.10	13.50	5.12
4.00	6.87	9.00	6.08	14.00	5.09
4.50	6.87	9.50	5.91		

Lake # 223 9 MAY 77 (Day 129) Time: 08 45 CDT
Air Temperature: 11.35 (C) Wind: 16 - 24 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4.5 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature: 6.71 (C)
Surface Temperature: 10.33 (C)
Epilimnion Temperature: 10.3 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.33	5.00	8.36	10.00	5.88
0.50	10.33	5.25	8.13	10.50	5.85
1.00	10.30	5.50	7.91	11.00	5.83
1.50	10.29	6.00	7.34	11.50	5.69
2.00	10.29	6.50	7.07	12.00	5.59
2.50	10.25	7.00	6.90	12.50	5.54
3.00	10.21	7.50	6.70	13.00	5.49
3.50	10.19	8.00	6.52	13.50	5.49
4.00	10.17	8.50	6.31	14.00	5.45
4.50	9.69	9.00	6.20	14.50	5.45
4.75	8.49	9.50	5.93	15.00	5.45

Lake # 223 16 MAY 77 (Day 136) Time: 09 40 CDT
Air Temperature: 22.8 (C) Wind: 0 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 17.04 (C)
Surface Temperature: 17.85 (C)
Epilimnion Temperature: 17.78 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.85	4.50	10.62	10.00	6.19
0.50	17.78	5.00	9.43	10.50	6.01
1.00	17.78	5.50	8.76	11.00	5.90
1.50	17.78	6.00	8.39	11.50	5.77
2.00	17.75	6.50	7.89	12.00	5.77
2.50	17.60	7.00	7.49	12.50	5.77
2.75	13.61	7.50	7.08	13.00	5.77
3.00	13.36	8.00	6.91	13.50	5.77
3.25	12.78	8.50	6.57	14.00	5.77
3.50	12.21	9.00	6.51	14.50	5.77
3.75	11.84	9.50	6.34	15.00	5.75
4.00	11.33				

Lake # 223 23 MAY 77 (Day 143) Time: 09 10 CDT
Air Temperature: 16.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 5.2 (M)
Inflow Temperature: 14.98 (C)
Surface Temperature: 18.46 (C)
Epilimnion Temperature: 18.46 (C)
Planar-Thermocline : 2.875 (M)
Wind: 16 - 24 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature: 17.95 (C)
Epilimnion Depth (1 C/M): 2.625 (M)
Change at Planar-Thermo: 4.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.46	4.50	11.60	9.50	6.67
0.50	18.46	4.75	11.07	10.00	6.52
1.00	18.46	5.00	10.62	10.50	6.33
1.50	18.46	5.25	10.39	11.00	6.24
2.00	18.46	5.50	9.45	11.50	6.03
2.50	18.46	5.75	9.25	12.00	5.96
2.75	17.58	6.00	8.99	12.50	5.90
3.00	16.42	6.50	8.66	13.00	5.84
3.25	15.48	7.00	8.08	13.50	5.83
3.50	14.34	7.50	7.81	14.00	5.78
3.75	13.63	8.00	7.69	14.50	5.74
4.00	12.94	8.50	7.42	15.00	5.74
4.25	12.61	9.00	6.91		

Lake # 223 6 JUN 77 (Day 157) Time: 10 00 CDT
Air Temperature: 18.5 (C)
Cloud Cover: 2 /10
Secchi Visibility: 7.4 (M)
Inflow Temperature:
Surface Temperature: 18.9 (C)
Epilimnion Temperature: 18.99 (C)
Planar-Thermocline : 4.125 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 18.6 (C)
Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Thermo: 5.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.90	4.75	14.24	10.00	7.45
0.50	18.97	5.00	13.50	10.50	7.21
1.00	18.99	5.25	12.91	11.00	6.99
1.50	19.01	5.50	12.51	11.50	6.77
2.00	19.22	6.00	11.60	12.00	6.72
2.50	19.26	6.50	10.82	12.50	6.67
3.00	19.26	7.00	10.17	13.00	6.61
3.50	19.14	7.50	9.22	13.50	7.04
3.75	18.50	8.00	9.01	14.00	6.99
4.00	17.70	8.50	8.38	14.50	6.91
4.25	16.33	9.00	7.99	15.00	6.88
4.50	15.24	9.50	7.74		

Lake # 223 30 MAY 77 (Day 150) Time: 08 50 CDT
Air Temperature: 20.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 6 (M)
Inflow Temperature: 14.78 (C)
Surface Temperature: 20.82 (C)
Epilimnion Temperature: 20.79 (C)
Planar-Thermocline : 3.375 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 21.01 (C)
Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.82	4.50	12.92	9.50	6.69
0.50	20.79	4.75	12.05	10.00	6.53
1.00	20.79	5.00	11.70	10.50	6.47
1.50	20.79	5.25	11.31	11.00	6.43
2.00	20.79	5.50	11.08	11.50	6.13
2.50	20.79	6.00	10.40	12.00	6.04
3.00	20.79	6.50	9.42	12.50	6.04
3.25	20.72	7.00	8.80	13.00	6.02
3.50	17.69	7.50	8.21	13.50	5.97
3.75	15.26	8.00	7.69	14.00	5.93
4.00	14.08	8.50	7.30	14.50	5.92
4.25	13.51	9.00	6.92	15.00	5.85

Lake # 223 13 JUN 77 (Day 164) Time: 10 00 CDT
Air Temperature: 10.25 (C)
Cloud Cover: 10 /10
Secchi Visibility: 7 (M)
Inflow Temperature: 12.49 (C)
Surface Temperature: 17.65 (C)
Epilimnion Temperature: 17.89 (C)
Planar-Thermocline : 4.625 (M)
Wind: 6 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 16.71 (C)
Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 5.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.65	5.00	15.88	9.50	7.93
0.50	17.84	5.25	14.92	10.00	7.55
1.00	17.89	5.50	13.56	10.50	7.08
1.50	17.89	5.75	13.17	11.00	6.91
2.00	17.89	6.00	12.70	11.50	6.79
2.50	17.89	6.50	12.10	12.00	6.70
3.00	17.89	7.00	10.83	12.50	6.57
3.50	17.89	7.50	9.66	13.00	6.51
4.00	17.89	8.00	9.02	14.00	6.41
4.50	17.89	8.50	8.40	15.00	6.34
4.75	16.50	9.00	8.10		

Lake # 223 20 JUN 77 (Day 171) Time: 09 20 CDT
Air Temperature: 19.6 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 6.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 15.05 (C) Outflow Temperature: 17.72 (C)
Surface Temperature: 17.46 (C)
Epilimnion Temperature: 17.29 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.46	5.75	14.18	9.00	8.30
1.00	17.29	6.00	13.57	9.50	7.80
1.50	17.20	6.25	12.98	10.00	7.65
2.00	17.19	6.50	12.39	10.50	7.46
2.50	17.18	6.75	11.94	11.00	7.31
3.00	17.17	7.00	11.46	11.50	7.12
4.00	17.03	7.50	10.49	12.00	6.89
4.50	16.81	8.00	9.20	12.50	6.70
5.00	16.47	8.50	8.69	13.00	6.62
5.50	15.57				

Lake # 223 4 JUL 77 (Day 185) Time: 09 20 CDT
Air Temperature: 19.2 (C) Wind: -
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 19.06 (C) Outflow Temperature: 21.11 (C)
Surface Temperature: 20.96 (C)
Epilimnion Temperature: 20.96 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : 5.25 (M) Change at Planar-Thermo: 4.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.96	6.00	15.44	9.00	9.00
1.00	20.96	6.25	14.33	9.50	8.61
2.00	20.78	6.50	13.55	10.00	8.26
2.50	20.71	6.75	12.98	10.50	7.93
3.00	20.48	7.00	12.44	11.00	7.60
3.50	20.29	7.25	11.46	11.50	7.38
4.00	19.90	7.50	10.93	12.00	7.27
4.50	19.52	7.75	10.50	12.50	7.19
5.00	18.80	8.00	9.95	13.00	7.01
5.50	16.35	8.50	9.56		

Lake # 223 27 JUN 77 (Day 178) Time: 08 20 CDT
Air Temperature: 20.57 (C) Wind: 3 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 18.78 (C) Outflow Temperature: 20.51 (C)
Surface Temperature: 20.95 (C)
Epilimnion Temperature: 20.95 (C) Epilimnion Depth (1 C/M): 2.75 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 4.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.95	5.75	14.81	8.50	9.17
1.00	20.95	6.00	14.05	9.00	8.64
2.00	20.93	6.25	13.52	9.50	8.12
2.50	20.86	6.50	12.49	10.00	7.98
3.00	20.19	6.75	11.90	10.50	7.69
5.25	18.26	8.00	9.88	13.00	6.82
5.50	15.27				

Lake # 223 11 JUL 77 (Day 192) Time: 09 00 CDT
Air Temperature: 17.43 (C) Wind: 8 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 18.25 (C) Outflow Temperature: 19.38 (C)
Surface Temperature: 20.66 (C)
Epilimnion Temperature: 20.68 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.66	6.00	15.83	9.00	9.16
1.00	20.68	6.25	14.86	9.50	9.13
2.00	20.70	6.50	14.00	10.00	8.59
3.00	20.70	6.75	13.43	10.50	8.16
4.00	20.70	7.00	12.88	11.00	7.85
4.50	20.66	7.25	11.98	11.50	7.64
5.00	19.71	7.50	11.60	12.00	7.45
5.25	18.53	7.75	11.20	12.50	7.27
5.50	17.91	8.00	10.68	13.00	7.13
5.75	16.60	8.50	9.85		

Lake # 223 1 AUG 77 (Day 213) Time: 09 00 CDT
Air Temperature: 17.6 (C)
Cloud Cover: 1 /10
Secchi Visibility: 7.05 (M)
Inflow Temperature: 15.8 (C)
Surface Temperature: 20.34 (C)
Epilimnion Temperature: 20.39 (C)
Planar-Thermocline : 9.375 (M)
Wind: 3 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 17.9 (C)
Epilimnion Depth (1 C/M): 6.25 (M)
Change at Planar-Thermo: 4.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.34	7.50	14.69	10.00	9.62
1.00	20.39	8.00	14.10	10.50	9.36
2.00	20.34	8.25	13.70	11.00	8.75
3.00	20.34	8.50	13.19	11.50	8.49
4.00	20.34	8.75	12.28	12.00	8.23
5.00	20.32	9.00	11.93	12.50	7.75
6.00	19.98	9.25	11.38	13.00	7.65
6.50	17.89	9.50	10.19	14.00	7.10
7.00	16.87				

Lake # 223 18 JUL 77 (Day 199) Time: 08 55 CDT
Air Temperature: 25.53 (C)
Cloud Cover: 9 /10
Secchi Visibility: 6.58 (M)
Inflow Temperature: 22.4 (C)
Surface Temperature: 22.15 (C)
Epilimnion Temperature: 22.15 (C)
Planar-Thermocline : 5.625 (M)
Wind: 8 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 22.57 (C)
Epilimnion Depth (1 C/M): 5.25 (M)
Change at Planar-Thermo: 7.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.15	5.50	19.30	9.00	9.73
1.00	22.15	5.75	17.36	9.50	9.00
1.50	22.15	6.00	16.83	10.00	8.53
2.00	22.13	6.25	15.63	10.50	8.31
2.50	22.00	6.50	14.57	11.00	8.15
3.00	21.82	6.75	13.71	11.50	7.93
3.50	21.54	7.00	12.94	12.00	7.68
4.00	21.43	7.50	12.53	12.50	7.59
4.50	21.15	8.00	11.63	13.00	7.45
5.00	20.81	8.50	10.63		

Lake # 223 8 AUG 77 (Day 220) Time: 09 00 CDT
Air Temperature: 19.7 (C)
Cloud Cover: 1 /10
Secchi Visibility: 6.5 (M)
Inflow Temperature: 15.1 (C)
Surface Temperature: 19.73 (C)
Epilimnion Temperature: 19.68 (C)
Planar-Thermocline : 6.875 (M)
Wind: 5 - 6 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 17.5 (C)
Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.73	6.50	18.25	9.00	10.67
1.00	19.68	6.75	17.43	9.50	9.62
2.00	19.68	7.00	14.89	10.00	9.10
3.00	19.68	7.25	14.10	10.50	8.65
4.00	19.68	7.50	13.80	11.00	8.49
5.00	19.68	7.75	12.84	11.50	7.93
6.00	19.68	8.00	12.69	12.00	7.82
6.25	19.06	8.50	11.63	13.00	7.42

Lake # 223 25 JUL 77 (Day 206) Time: 08 40 CDT
Air Temperature: 19.25 (C)
Cloud Cover: 0 /10
Secchi Visibility: 6.85 (M)
Inflow Temperature: 18.04 (C)
Surface Temperature: 22.41 (C)
Epilimnion Temperature: 22.41 (C)
Planar-Thermocline : 6.125 (M)
Wind: 5 - 6 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature: 21.85 (C)
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.41	6.25	15.78	9.00	9.78
1.00	22.41	6.50	14.91	9.50	9.12
2.00	22.41	6.75	14.20	10.00	8.75
3.00	22.41	7.00	13.60	10.50	8.34
4.00	22.41	7.25	12.79	11.00	8.03
5.00	21.44	7.50	12.36	11.50	7.72
5.25	20.72	7.75	11.98	12.00	7.46
5.50	19.62	8.00	11.38	12.50	7.31
5.75	18.15	8.25	11.17	13.00	7.21
6.00	17.45	8.50	10.62		

Lake # 223 15 AUG 77 (Day 227) Time: 09 10 CDT
Air Temperature: 16.93 (C) Wind: 6 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.83 (M) Water Color: PALE -GREEN
Inflow Temperature: 14.9 (C) Outflow Temperature: 16.8 (C)
Surface Temperature: 17.98 (C)
Epilimnion Temperature: 18.03 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 8.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.98	7.25	17.46	9.50	10.49
1.00	18.03	7.50	16.35	10.00	9.35
2.00	18.06	7.75	14.18	10.50	8.88
3.00	18.08	8.00	13.27	11.00	8.49
4.00	18.08	8.25	12.54	11.50	8.31
5.00	18.10	8.50	12.11	12.00	7.84
6.00	18.10	9.00	11.15	13.00	7.49
7.00	18.03				

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Lake # 223 22 AUG 77 (Day 234) Time: 09 05 CDT
Air Temperature: 11.2 (C) Wind: 6 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7.28 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 13 (C) Outflow Temperature: 15 (C)
Surface Temperature: 17.47 (C)
Epilimnion Temperature: 17.57 (C) Epilimnion Depth (1 C/M): 7.25 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 7.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.47	7.75	15.82	9.75	10.63
1.00	17.57	8.00	13.86	10.00	9.25
2.00	17.62	8.25	13.37	10.50	8.97
3.00	17.65	8.50	12.83	11.00	8.57
4.00	17.70	8.75	12.20	11.50	8.17
5.00	17.70	9.00	11.81	12.00	7.69
6.00	17.70	9.25	11.32	13.00	7.47
7.00	17.70	9.50	10.81	14.00	7.34
7.50	17.02				

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Lake # 223 29 AUG 77 (Day 241) Time: 09 40 CDT
Air Temperature: 15.57 (C) Wind: 3 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 8.75 (M) Water Color: GREEN
Inflow Temperature: 14 (C) Outflow Temperature: 15 (C)
Surface Temperature: 17.15 (C)
Epilimnion Temperature: 17.2 (C) Epilimnion Depth (1 C/M): 7.75 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 7.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.15	8.00	16.28	10.25	9.22
1.00	17.20	8.25	15.47	10.50	8.97
2.00	17.21	8.50	13.68	11.00	8.64
3.00	17.21	8.75	12.61	11.50	8.26
4.00	17.21	9.00	11.95	12.00	7.87
5.00	17.24	9.25	11.41	13.00	7.59
6.00	17.12	9.50	10.98	14.00	7.45
7.00	17.15	9.75	10.47	14.50	7.41
7.50	16.97	10.00	10.09		

Lake # 223 19 SEP 77 (Day 262) Time: 08 30 CDT
Air Temperature: 12 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6.5 (M)
Inflow Temperature: 13 (C)
Surface Temperature: 15.1 (C)
Epilimnion Temperature: 15.14 (C)
Planar-Thermocline : 9.875 (M)

Wind: 16 - 24 KMPH
Weather Description:
Water Color: BLUE -GREEN
Outflow Temperature: 13.5 (C)

Epilimnion Depth (1 C/M): 9.125 (M)
Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.10	9.25	13.75	11.50	8.83
1.00	15.14	9.50	13.00	11.75	8.54
2.00	15.16	9.75	12.25	12.00	8.33
3.00	15.17	10.00	11.35	12.25	8.12
4.00	15.17	10.25	10.80	12.50	7.93
5.00	15.17	10.50	10.48	12.75	7.82
6.00	15.17	10.75	9.82	13.00	7.69
7.00	15.17	11.00	9.50	14.00	7.48
8.00	14.88	11.25	9.02	14.70	7.43
9.00	14.25				

Lake # 223 3 OCT 77 (Day 276) Time: 08 30 CDT
Air Temperature: 5.82 (C)
Cloud Cover: 0 /10
Secchi Visibility: 5 (M)
Inflow Temperature: 7.02 (C)
Surface Temperature: 12.47 (C)
Epilimnion Temperature: 12.51 (C)
Planar-Thermocline : 10.625 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature: 9.57 (C)

Epilimnion Depth (1 C/M): 10.375 (M)
Change at Planar-Thermo: 5.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.47	9.00	12.46	11.75	8.46
1.00	12.51	10.00	12.40	12.00	7.99
2.00	12.52	10.25	12.35	12.25	7.89
3.00	12.52	10.50	11.90	12.50	7.64
4.00	12.52	10.75	10.51	12.75	7.54
5.00	12.52	11.00	9.88	13.00	7.44
6.00	12.51	11.25	9.16	14.00	7.30
7.00	12.51	11.50	8.85	14.60	7.20
8.00	12.48				

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Lake # 223 26 SEP 77 (Day 269) Time: 08 30 CDT
Air Temperature: 13.29 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6.25 (M)
Inflow Temperature:
Surface Temperature: 14.19 (C)
Epilimnion Temperature: 14.26 (C)
Planar-Thermocline : 10.125 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: BLUE -GREEN
Outflow Temperature: 13.11 (C)

Epilimnion Depth (1 C/M): 9.[illegible] (M)
Change at Planar-Thermo: 5.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.19	8.00	14.37	11.00	9.72
1.00	14.26	9.00	14.37	11.25	9.44
2.00	14.26	9.50	14.17	11.50	9.26
3.00	14.27	9.75	14.04	11.75	8.99
4.00	14.28	10.00	13.02	12.00	8.79
5.00	14.28	10.25	11.75	13.00	8.23
6.00	14.36	10.50	10.91	14.00	7.93
7.00	14.37	10.75	10.17	14.80	7.88

Lake # 223 10 OCT 77 (Day 283) Time: 08 25 CDT
Air Temperature: 5 (C)
Cloud Cover: 4 /10
Secchi Visibility: 4.5 (M)
Inflow Temperature: 5.42 (C)
Surface Temperature: 10.19 (C)
Epilimnion Temperature: 10.25 (C)
Planar-Thermocline : 11.875 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 8.33 (C)

Epilimnion Depth (1 C/M): 11.625 (M)
Change at Planar-Thermo: 3.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.19	9.00	10.27	12.50	7.92
1.00	10.25	10.00	10.27	12.75	7.50
2.00	10.27	11.00	10.27	13.00	7.44
3.00	10.28	11.25	10.25	13.25	7.33
4.00	10.28	11.50	10.20	13.50	7.28
5.00	10.28	11.75	9.95	13.75	7.25
6.00	10.27	12.00	9.13	14.00	7.22
7.00	10.27	12.25	8.73	14.70	7.15
8.00	10.27				

Lake # 223 17 OCT 77 (Day 290) Time: 08 20 CDT
Air Temperature: 5 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: BLUE -GREEN
Inflow Temperature: 5.35 (C) Outflow Temperature: 7.8 (C)
Surface Temperature: 8.9 (C)
Epilimnion Temperature: 8.91 (C) Epilimnion Depth (1 C/M): 14.75 (M)
Planar-Thermocline : 14.375 (M) Change at Planar-Thermo: 0.907 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.90	6.00	8.91	11.00	8.91
1.00	8.91	7.00	8.91	12.00	8.91
2.00	8.91	8.00	8.91	13.00	8.91
3.00	8.91	9.00	8.91	14.00	8.91
4.00	8.91	10.00	8.91	14.75	8.23
5.00	8.91				

Lake # 223 24 OCT 77 (Day 297) Time: 08 30 CDT
Air Temperature: 7.8 (C) Wind: 0 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: 2.7 (C) Outflow Temperature: 5.66 (C)
Surface Temperature: 8.02 (C)
Epilimnion Temperature: 8.04 (C) Epilimnion Depth (1 C/M): 14.6 (M)
Planar-Thermocline : 12.5 (M) Change at Planar-Thermo: 0.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.02	6.00	8.06	11.00	8.05
1.00	8.04	7.00	8.06	12.00	8.05
2.00	8.05	8.00	8.05	13.00	8.02
3.00	8.06	9.00	8.05	14.00	8.01
4.00	8.06	10.00	8.05	14.60	8.00
5.00	8.06				

Lake # 223 8 MAY 78 (Day 128) Time: 09 44 CDT
Air Temperature: 5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: PALE -GREEN
Inflow Temperature: 5.6 (C) Outflow Temperature: 6.4 (C)
Surface Temperature: 6.45 (C)
Epilimnion Temperature: 6.45 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 5.25 (M) Change at Planar-Thermo: 1.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.45	5.00	5.59	9.00	4.70
1.00	6.45	5.50	5.03	10.00	4.63
2.00	6.45	6.00	4.94	11.00	4.63
3.00	6.41	7.00	4.83	12.00	4.73
4.00	5.93	8.00	4.77	13.00	4.83

Lake # 223 22 MAY 78 (Day 142) Time: 09 00 CDT
Air Temperature: 16.1 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 12.9 (C) Outflow Temperature: 14.3 (C)
Surface Temperature: 14.55 (C)
Epilimnion Temperature: 14.54 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.55	3.75	9.34	7.00	6.68
1.00	14.54	4.00	9.08	8.00	6.29
2.00	14.53	4.50	8.41	9.00	5.91
2.50	14.12	5.00	8.18	10.00	5.36
2.75	13.57	5.50	7.46	11.00	5.11
3.00	12.51	6.00	7.35	12.00	5.01
3.25	10.54	6.50	6.96	13.00	5.01

Lake # 223 29 MAY 78 (Day 149) Time: 09 15 CDT
Air Temperature: 19 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: 18 (C) Outflow Temperature: 20 (C)
Surface Temperature: 19.38 (C)
Epilimnion Temperature: 19.32 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.38	3.75	11.40	6.00	7.50
1.00	19.32	4.00	10.62	6.50	7.15
2.00	18.50	4.25	9.85	7.00	6.70
2.25	17.70	4.50	9.25	8.00	6.05
2.50	17.10	4.75	8.90	9.00	5.75
2.75	15.60	5.00	8.55	10.00	5.30
3.00	14.10	5.25	8.40	11.00	4.95
3.25	13.05	5.50	8.00	12.00	4.90
3.50	12.10	5.75	7.80	13.00	4.90

Lake # 223 5 JUN 78 (Day 156) Time: 08 40 CDT
Air Temperature: 13 (C) Wind: 8 - 16 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 6.3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 12.85 (C) Outflow Temperature: 14.5 (C)
Surface Temperature: 14.5 (C)
Epilimnion Temperature: 14.5 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 3.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.50	4.75	10.55	7.50	6.66
1.00	14.50	5.00	9.73	8.00	6.27
2.00	14.47	5.25	9.02	9.00	5.73
3.00	14.44	5.50	8.32	10.00	5.43
3.50	13.85	5.75	8.27	11.00	5.21
4.00	12.76	6.00	8.22	12.00	5.11
4.25	12.24	6.50	7.74	13.00	5.03
4.50	11.29	7.00	7.31	14.00	5.03

Lake # 223 19 JUN 78 (Day 170) Time: 08 50 CDT
Air Temperature: 20.2 (C) Wind: 11 - 24 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: 16.5 (C) Outflow Temperature: 18.5 (C)
Surface Temperature: 16.99 (C)
Epilimnion Temperature: 16.8 (C) Epilimnion Depth (1 C/M 4.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.99	5.00	12.98	7.50	7.48
1.00	16.80	5.25	12.33	8.00	6.86
2.00	16.79	5.50	10.55	8.50	6.58
3.00	16.74	5.75	10.45	9.00	6.47
4.00	16.69	6.00	9.40	10.00	6.27
4.25	16.17	6.25	9.09	11.00	5.93
4.50	15.54	6.50	8.52	12.00	5.61
4.75	14.32	7.00	7.81	13.00	5.47

Lake # 223 3 JUL 78 (Day 184) Time: 08 24 CDT
Air Temperature: 19.25 (C) Wind: 5 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5.8 (M) Water Color: PALE -GREEN
Inflow Temperature: 19.5 (C) Outflow Temperature: 21 (C)
Surface Temperature: 21.49 (C)
Epilimnion Temperature: 21.51 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 6.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.49	4.75	16.00	7.50	8.34
1.00	21.51	5.00	14.76	8.00	7.76
2.00	21.51	5.25	13.79	8.50	6.99
3.00	21.38	5.50	12.60	9.00	6.56
3.25	19.67	5.75	12.06	10.00	6.07
3.50	19.32	6.00	10.82	11.00	6.01
3.75	18.89	6.25	10.38	12.00	5.73
4.00	18.35	6.50	9.68	13.00	5.62
4.25	17.60	7.00	8.90	14.00	5.52
4.50	16.68				

Lake # 223 17 JUL 78 (Day 198) Time: 08 35 CDT
Air Temperature: 21.8 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature: 21 (C)
Surface Temperature: 21.38 (C)
Epilimnion Temperature: 21.38 (C)
Planar-Thermocline : 5.375 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color:
Outflow Temperature: 21.2 (C)

Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: 6.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.38	5.25	16.56	7.50	8.66
1.00	21.38	5.50	14.84	7.75	8.26
2.00	21.06	5.75	14.04	8.00	7.87
2.50	20.61	6.00	13.08	8.50	7.35
3.00	20.47	6.25	12.23	9.00	7.09
4.00	20.28	6.50	11.63	10.00	6.46
4.50	19.74	6.75	10.78	11.00	6.18
4.75	18.76	7.00	10.06	12.00	5.99
5.00	18.14	7.25	9.49	13.00	5.64

Lake # 223 14 AUG 78 (Day 226) Time: 08 24 CDT
Air Temperature: 22.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 7.05 (M)
Inflow Temperature: 21.7 (C)
Surface Temperature: 20.69 (C)
Epilimnion Temperature: 20.69 (C)
Planar-Thermocline : 6.125 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature: 21.8 (C)

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.69	6.25	16.72	8.75	8.36
1.00	20.69	6.50	16.19	9.00	8.02
2.00	20.69	6.75	14.23	9.50	7.42
3.00	20.69	7.00	12.81	10.00	6.91
4.00	20.69	7.25	11.42	10.50	6.59
5.00	20.51	7.50	11.02	11.00	6.36
5.25	20.12	7.75	10.66	12.00	5.97
5.50	19.58	8.00	9.47	13.00	5.83
5.75	19.20	8.25	9.23	14.00	5.78
6.00	18.77	8.50	8.92	14.40	5.75

Lake # 223 0 AUG 78 (Day 212) Time: 08 10 CDT
Air Temperature: 16.4 (C)
Cloud Cover: 2 /10
Secchi Visibility: 7.1 (M)
Inflow Temperature: 16.8 (C)
Surface Temperature: 19.58 (C)
Epilimnion Temperature: 19.58 (C)
Planar-Thermocline : 5.625 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature: 18.71 (C)

Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.58	6.75	11.76	9.00	7.20
1.00	19.58	7.00	11.05	9.50	6.87
5.00	19.58	7.25	10.58	10.00	6.53
5.50	19.25	7.50	9.55	10.50	6.27
5.75	16.46	7.75	8.86	11.00	6.07
6.00	14.57	8.00	8.62	12.00	5.78
6.25	14.21	8.25	8.15	13.00	5.65
6.50	12.57	8.50	7.83	13.50	5.60

Lake # 223 28 AUG 78 (Day 240) Time: 08 00 CDT
Air Temperature: 11.8 (C)
Cloud Cover: 5 /10
Secchi Visibility: 6.5 (M)
Inflow Temperature: 15.6 (C)
Surface Temperature: 18.32 (C)
Epilimnion Temperature: 18.32 (C)
Planar-Thermocline : 7.125 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature: 17.4 (C)

Epilimnion Depth (1 C/M): 6.25 (M)
Change at Planar-Thermo: 9.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.32	7.25	13.63	9.50	7.69
1.00	18.32	7.50	12.31	10.00	7.19
2.00	18.32	7.75	11.42	10.50	6.82
3.00	18.32	8.00	10.95	11.00	6.65
4.00	18.32	8.25	10.16	12.00	6.24
5.00	18.22	8.50	9.69	13.00	6.00
6.00	18.03	8.75	9.17	14.00	5.90
6.50	17.42	9.00	8.63	14.30	5.87
7.00	15.91				

Lake # 223 11 SEP 78 (Day 254) Time: 08 25 CDT
Air Temperature: 16 (C) Wind: 11 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5.75 (M) Water Color: BLUE -GREEN
Inflow Temperature: 17.2 (C) Outflow Temperature: 17.5 (C)
Surface Temperature: 18.72 (C)
Epilimnion Temperature: 18.77 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 9.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.72	7.25	16.53	9.75	8.52
1.00	18.77	7.50	16.16	10.00	8.13
2.00	18.78	7.75	13.85	10.25	7.79
3.00	18.79	8.00	12.46	10.50	7.49
4.00	18.78	8.25	11.95	11.00	7.09
5.00	18.71	8.50	11.02	12.00	6.55
6.00	18.48	8.75	10.73	13.00	6.41
6.50	18.02	9.00	10.36	14.00	6.14
6.75	17.53	9.25	9.37	14.60	6.12
7.00	17.05	9.50	8.96		

Lake # 223 8 OCT 79 (Day 281) Time: 08 35 CDT
Air Temperature: 4.4 (C) Wind: 0 - 3 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: BLUE -GREEN
Inflow Temperature: 5.2 (C) Outflow Temperature: 6.5 (C)
Surface Temperature: 11.12 (C)
Epilimnion Temperature: 11.25 (C) Epilimnion Depth (1 C/M): 11.875 (M)
Planar-Thermocline : 11.875 (M) Change at Planar-Thermo: 8.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.12	9.00	11.30	12.75	6.94
1.00	11.25	10.00	11.30	13.00	6.87
2.00	11.29	11.00	11.29	13.25	6.71
3.00	11.29	11.25	11.23	13.50	6.69
4.00	11.29	11.50	11.16	13.75	6.67
5.00	11.30	11.75	10.99	14.00	6.67
6.00	11.30	12.00	8.95	14.25	6.58
7.00	11.30	12.25	7.52	14.50	6.57
8.00	11.30	12.50	7.07		

Lake # 223 25 SEP 78 (Day 268) Time: 08 45 CDT
Air Temperature: 9.6 (C) Wind: 3 - 6 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5.6 (M) Water Color: GREEN
Inflow Temperature: 11 (C) Outflow Temperature: 12.4 (C)
Surface Temperature: 13.76 (C)
Epilimnion Temperature: 13.82 (C) Epilimnion Depth (1 C/M): 8.625 (M)
Planar-Thermocline : 9.125 (M) Change at Planar-Thermo: 4.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.76	8.00	13.82	10.25	8.20
1.00	13.82	8.50	13.81	10.50	7.90
2.00	13.83	8.75	13.28	10.75	7.60
3.00	13.83	9.00	12.42	11.00	7.11
4.00	13.84	9.25	11.18	12.00	6.81
5.00	13.84	9.50	10.10	13.00	6.31
6.00	13.84	9.75	9.35	14.00	6.25
7.00	13.83	10.00	8.64	14.40	6.24

Lake # 223 24 OCT 79 (Day 297) Time: 09 00 CDT
Air Temperature: -.7 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: GREEN
Inflow Temperature: 2.8 (C) Outflow Temperature: 2.9 (C)
Surface Temperature: 7.4 (C)
Epilimnion Temperature: 7.52 (C) Epilimnion Depth (1 C/M): 14.25 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.40	6.00	7.58	11.00	7.57
1.00	7.52	7.00	7.58	12.00	7.57
2.00	7.58	8.00	7.58	13.00	7.57
3.00	7.58	9.00	7.59	14.00	7.57
4.00	7.58	10.00	7.58	14.25	7.57
5.00	7.58				

Lake # 223 18 JUN 79 (Day 169) Time: 08 40 CDT
Air Temperature: 20.5 (C) Wind: -
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: GREEN
Inflow Temperature: 17.5 (C) Outflow Temperature: 17 (C)
Surface Temperature: 18.32 (C)
Epilimnion Temperature: 18.32 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.32	4.75	12.84	7.00	7.76
1.00	18.32	5.00	12.02	8.00	7.14
2.00	18.28	5.25	11.00	9.00	6.28
3.00	18.06	5.50	10.44	10.00	6.08
3.25	17.90	5.75	9.22	11.00	5.84
3.50	17.59	6.00	8.75	12.00	5.64
3.75	17.22	6.25	8.54	13.00	5.60
4.00	16.58	6.50	8.30	14.00	5.47
4.25	15.34	6.75	8.01	14.25	5.42
4.50	13.70				

Lake # 223 16 JUL 79 (Day 197) Time: 08 00 CDT
Air Temperature: 19 (C) Wind: -
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 7.2 (M) Water Color: GREEN
Inflow Temperature: 16 (C) Outflow Temperature: 20.5 (C)
Surface Temperature: 21.16 (C)
Epilimnion Temperature: 21.19 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 8.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.16	6.25	13.31	9.25	7.42
1.00	21.19	6.50	12.50	9.50	7.32
2.00	21.19	6.75	11.47	9.75	6.80
3.00	21.20	7.00	10.92	10.00	6.70
4.00	21.18	7.25	10.28	10.25	6.61
4.25	21.13	7.50	9.62	10.50	6.46
4.50	21.09	7.75	9.14	10.75	6.42
4.75	20.92	8.00	8.74	11.00	6.32
5.00	18.68	8.25	8.33	12.00	5.96
5.25	17.34	8.50	8.12	13.00	5.85
5.50	16.12	8.75	7.64	14.00	5.77
5.75	15.63	9.00	7.56	14.50	5.72
6.00	14.53				

Lake # 223 13 AUG 79 (Day 225) Time: 08 30 CDT
Air Temperature: 16 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: GREEN
Inflow Temperature: 16 (C) Outflow Temperature: 17 (C)
Surface Temperature: 19.46 (C)
Epilimnion Temperature: 19.48 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.46	7.50	12.46	10.25	7.67
1.00	19.48	7.75	11.89	10.50	7.49
2.00	19.50	8.00	11.23	10.75	7.18
3.00	19.50	8.25	10.59	11.00	6.39
4.00	19.50	8.50	10.18	11.25	6.69
5.00	19.52	8.75	9.87	11.50	6.51
6.00	19.51	9.00	9.39	11.75	6.31
6.25	19.44	9.25	8.98	12.00	6.19
6.50	19.42	9.50	8.68	13.00	6.01
6.75	17.99	9.75	8.42	14.00	5.89
7.00	15.12	10.00	8.21	14.25	5.87
7.25	13.76				

Lake # 223 10 SEP 79 (Day 253) Time: 08 20 CDT
Air Temperature: 9.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 8.4 (M) Water Color: BLUE -GREEN
Inflow Temperature: 9.8 (C) Outflow Temperature: 11.5 (C)
Surface Temperature: 16.54 (C)
Epilimnion Temperature: 16.57 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.54	8.50	14.55	11.25	7.34
1.00	16.57	8.75	13.50	11.50	7.17
2.00	16.57	9.00	12.20	11.75	6.91
3.00	16.57	9.25	11.19	12.00	6.85
4.00	16.57	9.50	10.27	12.25	6.70
5.00	16.57	9.75	9.89	12.50	6.59
6.00	16.57	10.00	9.42	12.75	6.44
7.00	16.56	10.25	8.96	13.00	6.41
7.75	16.54	10.50	8.70	14.00	6.23
8.00	16.45	10.75	8.04	14.25	6.16
8.25	15.24	11.00	7.84		

Lake # 223 23 OCT 78 (Day 296) Time: 08 30 CDT
Air Temperature: 5.4 (C) Wind: 0 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: PALE -YELLOW
Inflow Temperature: 5 (C) Outflow Temperature: 5.8 (C)
Surface Temperature: 8.66 (C)
Epilimnion Temperature: 8.68 (C) Epilimnion Depth (1 C/M): 13.875 (M)
Planar-Thermocline : 13.875 (M) Change at Planar-Thermo: 7.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.66	6.00	8.77	13.00	8.77
1.00	8.68	7.00	8.77	13.25	8.53
2.00	8.75	8.00	8.77	13.50	8.45
3.00	8.75	9.00	8.77	13.75	8.23
4.00	8.77	10.00	8.77	14.00	6.46
5.00	8.77	12.00	8.77	14.50	6.63

Lake # 223 21 MAY 79 (Day 141) Time: 09 00 CDT
Air Temperature: 9 (C) Wind: 5 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: GREEN
Inflow Temperature: 12.5 (C) Outflow Temperature: 12 (C)
Surface Temperature: 7.47 (C)
Epilimnion Temperature: 7.39 (C) Epilimnion Depth (1 C/M): 8.375 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 1.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.47	6.75	6.48	8.75	5.73
1.00	7.39	7.00	6.39	9.00	5.70
2.00	7.32	7.25	6.35	10.00	5.50
3.00	7.24	7.50	6.35	11.00	5.35
4.00	7.20	7.75	6.27	12.00	5.28
5.00	6.97	8.00	6.21	13.00	5.21
6.00	6.72	8.25	6.08	14.00	5.13
6.25	6.67	8.50	5.82	14.60	4.85
6.50	6.58				

Lake # 223 13 MAY 80 (Day 133) Time: 10 00 CDT
Air Temperature: -18.333 (C) Wind: 0 - 1 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: 12.2 (C) Outflow Temperature: 13 (C)
Surface Temperature: 9.55 (C)
Epilimnion Temperature: 9.55 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 2.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.55	6.25	7.39	8.50	6.12
1.00	9.55	6.50	7.22	8.75	5.99
2.00	9.55	6.75	7.11	9.00	5.90
3.00	9.55	7.00	6.87	10.00	5.55
4.00	9.53	7.25	6.71	11.00	5.39
5.00	9.51	7.50	6.50	12.00	5.31
5.25	8.92	7.75	6.39	13.00	5.29
5.50	8.51	8.00	6.30	14.00	5.28
5.75	7.80	8.25	6.14	14.50	5.27
6.00	7.55				

Lake # 223 5 JUN 80 (Day 156) Time: 09 00 CDT
Air Temperature: 16.61 (C) Wind: 2 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5.6 (M) Water Color: GREEN
Inflow Temperature: 12.8 (C) Outflow Temperature: 16.5 (C)
Surface Temperature: 18.18 (C)
Epilimnion Temperature: 18.19 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.18	5.75	12.13	8.25	7.99
1.00	18.19	6.00	11.74	8.50	7.72
2.00	18.18	6.25	10.99	8.75	7.48
3.00	18.14	6.50	10.54	9.00	7.29
4.00	17.97	6.75	10.20	10.00	6.71
4.25	16.39	7.00	9.80	11.00	6.38
4.50	15.07	7.25	9.02	12.00	6.09
4.75	14.27	7.50	9.02	13.00	5.84
5.00	13.78	7.75	8.51	14.00	5.67
5.25	13.29	8.00	8.17	14.30	5.68
5.50	12.75				

Lake # 223 1 JUL 80 (Day 182) Time: 09 15 CDT
Air Temperature: 17.9 (C) Wind: 5 - 7 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: GREEN
Inflow Temperature: 12.8 (C) Outflow Temperature: 17.5 (C)
Surface Temperature: 18.6 (C)
Epilimnion Temperature: 18.56 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 6.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.60	6.75	15.82	9.00	9.86
1.00	18.56	7.00	14.09	9.25	9.60
2.00	18.55	7.25	12.99	9.50	9.34
3.00	18.54	7.50	12.30	9.75	9.02
4.00	18.52	7.75	12.00	10.00	8.63
5.00	18.51	8.00	11.37	11.00	7.81
6.00	18.49	8.25	10.83	12.00	7.09
6.25	17.24	8.50	10.46	13.00	6.62
6.50	16.49	8.75	10.30	14.00	6.46

Lake # 223 29 JUL 80 (Day 210) Time: 08 10 CDT
Air Temperature: 16 (C) Wind: 12 - 50 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: 15 (C) Outflow Temperature: 18.4 (C)
Surface Temperature: 21.85 (C)
Epilimnion Temperature: 21.89 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.85	7.00	19.89	9.50	11.76
1.00	21.89	7.25	18.60	9.75	11.22
2.00	21.89	7.50	19.35	10.00	10.69
3.00	21.89	7.75	16.38	10.25	10.15
4.00	21.86	8.00	15.29	10.50	9.80
5.00	21.85	8.25	14.50	10.75	9.50
6.00	21.82	8.50	13.68	11.00	9.04
6.25	21.70	8.75	13.28	12.00	8.05
6.50	21.51	9.00	12.75	13.00	7.49
6.75	21.10	9.25	12.14	14.00	7.20

Lake # 223 26 AUG 80 (Day 238) Time: 08 40 CDT
Air Temperature: 21.9 (C) Wind: 2 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.38 (C)
Epilimnion Temperature: 21.38 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 7.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.38	9.00	15.00	12.00	8.47
1.00	21.38	9.25	14.28	12.25	8.21
2.00	21.32	9.50	13.69	12.50	8.03
3.00	21.29	9.75	13.11	12.75	7.98
4.00	20.95	10.00	12.46	13.00	7.87
5.00	20.75	10.25	11.88	13.25	7.81
6.00	20.65	10.50	11.56	13.50	7.75
7.00	20.59	10.75	11.03	13.75	7.69
8.00	19.97	11.00	10.12	14.00	7.62
8.25	19.01	11.25	9.66	14.25	7.59
8.50	17.26	11.50	9.36	14.50	7.49
8.75	15.78	11.75	8.79		

Lake # 223 23 SEP 80 (Day 266) Time: 08 15 CDT
Air Temperature: 9.58 (C) Wind: 10 - 20 KMPH
Cloud Cover: 10 /10 Weather Description: DRIZZLE
Secchi Visibility: 4 (M) Water Color: PALE -GREEN
Inflow Temperature: 9 (C) Outflow Temperature: 11 (C)
Surface Temperature: 13.7 (C)
Epilimnion Temperature: 13.7 (C) Epilimnion Depth (1 C/M): 11.625 (M)
Planar-Thermocline : 12.125 (M) Change at Planar-Thermo: 6.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.70	8.00	13.75	12.00	10.48
1.00	13.70	9.00	13.72	12.25	8.89
2.00	13.71	10.00	13.68	12.50	8.32
3.00	13.71	11.00	13.60	12.75	8.11
4.00	13.74	11.25	13.40	13.00	8.02
5.00	13.74	11.50	13.29	14.00	7.80
6.00	13.75	11.75	11.87	14.50	7.72
7.00	13.75				

Lake # 223 21 OCT 80 (Day 294) Time: 08 30 CDT
Air Temperature: 3 (C) Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 3.48 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 9.35 (C) Outflow Temperature: 9.45 (C)
Surface Temperature: 8.42 (C)
Epilimnion Temperature: 8.43 (C) Epilimnion Depth (1 C/M): 14.4 (M)
Planar-Thermocline : 14.2 (M) Change at Planar-Thermo: -.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.42	6.00	8.43	11.00	8.42
1.00	8.43	7.00	8.42	12.00	8.42
2.00	8.43	8.00	8.42	13.00	8.42
3.00	8.43	9.00	8.41	14.00	8.38
4.00	8.43	10.00	8.41	14.40	8.40
5.00	8.43				

Lake # 223 18 MAY 81 (Day 138) Time: 09 30 CDT
Air Temperature: 13.9 (C) Wind: 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 6.75 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 13.2 (C)
Surface Temperature: 12.47 (C)
Epilimnion Temperature: 12.42 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 4.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.47	5.50	11.14	8.00	7.03
1.00	12.42	5.75	10.67	9.00	6.63
2.00	12.40	6.00	9.53	10.00	6.31
3.00	12.32	6.25	9.08	11.00	6.20
4.00	12.22	6.50	8.44	12.00	6.06
5.00	11.90	6.75	8.03	13.00	6.01
5.25	11.57	7.00	7.74	14.00	5.92

Lake # 223 5 MAY 81 (Day 125) Time: 09 00 CDT
Air Temperature: 5.5 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 8.2 (C) Outflow Temperature: 9.8 (C)
Surface Temperature: 9.6 (C)
Epilimnion Temperature: 9.52 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 1.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.60	4.75	8.07	10.00	5.69
1.00	9.52	5.00	7.63	11.00	5.61
2.00	9.47	5.50	7.14	12.00	5.59
3.00	9.30	6.00	6.74	13.00	5.59
4.00	8.89	7.00	6.21	14.00	5.56
4.25	8.66	8.00	5.94	15.00	5.56
4.50	8.32	9.00	5.79		

Lake # 223 1 JUN 81 (Day 152) Time: 14 00 CDT
Air Temperature: 14 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7.6 (M) Water Color: TURBID-GREEN
Inflow Temperature: 11.5 (C) Outflow Temperature: 14 (C)
Surface Temperature: 14.94 (C)
Epilimnion Temperature: 14.92 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 3.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.94	5.75	13.13	7.75	9.11
1.00	14.92	6.00	12.74	8.00	8.64
2.00	14.89	6.25	12.21	9.00	7.82
3.00	14.83	6.50	11.57	10.00	7.48
4.00	14.81	6.75	11.01	11.00	7.12
5.00	14.45	7.00	10.44	12.00	6.62
5.25	14.09	7.25	9.58	13.00	6.47
5.50	13.73	7.50	9.26	14.00	6.38

Lake # 223 15 JUN 81 (Day 166) Time: 09 18 CDT
Air Temperature: 15 (C) Wind: 15 - 25 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 12.5 (C) Outflow Temperature: 16 (C)
Surface Temperature: 17.45 (C)
Epilimnion Temperature: 17.45 (C) Epilimnion Depth (1 C/M): 5.625 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.45	5.75	16.64	7.75	11.07
1.00	17.45	6.00	15.84	8.00	10.79
2.00	17.45	6.25	15.69	9.00	9.41
3.00	17.45	6.50	13.55	10.00	8.99
4.00	17.44	6.75	12.91	11.00	8.21
5.00	17.39	7.00	12.31	12.00	7.54
5.25	17.29	7.25	11.52	13.00	7.38
5.50	17.12	7.50	11.31	14.00	7.15

Lake # 223 29 JUN 81 (Day 180) Time: 09 20 CDT
Air Temperature: 16.1 (C) Wind: 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description: RAINING
Secchi Visibility: 6.2 (M) Water Color: GREEN
Inflow Temperature: 14.6 (C) Outflow Temperature: 18 (C)
Surface Temperature: 18.37 (C)
Epilimnion Temperature: 18.37 (C) Epilimnion Depth (1 C/M): 6.125 (M
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 4.040 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.37	6.75	16.02	9.00	10.42
1.00	18.37	7.00	15.65	9.25	10.08
2.00	18.37	7.25	14.65	9.50	9.91
3.00	18.32	7.50	13.90	9.75	9.67
4.00	18.21	7.75	12.89	10.00	9.50
5.00	17.89	8.00	12.12	11.00	8.78
6.00	17.60	8.25	11.59	12.00	8.43
6.25	17.18	8.50	11.26	13.00	7.70
6.50	16.70	8.75	10.97	14.00	7.64

Lake # 223 13 JUL 81 (Day 194) Time: 15 45 CDT
Air Temperature: 25 (C) Wind: 0 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 19.4 (C) Outflow Temperature: 22.8 (C)
Surface Temperature: 23.52 (C)
Epilimnion Temperature: 23.42 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.52	6.00	18.60	8.75	11.07
1.00	23.42	6.25	17.13	9.00	10.46
2.00	23.28	6.50	16.67	9.25	9.85
3.00	23.27	7.00	15.46	9.50	9.70
3.50	22.55	7.25	14.83	9.75	9.51
4.00	21.84	7.50	14.10	10.00	9.32
4.25	20.67	7.75	13.42	11.00	8.44
4.50	20.07	8.00	13.09	12.00	7.62
4.75	19.92	8.25	11.64	13.00	7.40
5.00	19.67	8.50	11.41	14.00	7.07

Lake # 223 27 JUL 81 (Day 208) Time: 08 50 CDT
Air Temperature: 20.6 (C) Wind: 0 - 5 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 5.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 15.5 (C) Outflow Temperature: 21 (C)
Surface Temperature: 21.1 (C)
Epilimnion Temperature: 21.11 (C) Epilimnion Depth (1 C/M): 6.125 (M
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 6.440 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.10	7.00	16.87	9.25	11.29
1.00	21.11	7.25	16.26	9.50	11.06
2.00	21.13	7.50	16.06	9.75	10.86
3.00	21.13	7.75	14.66	10.00	10.45
4.00	21.13	8.00	14.16	11.00	9.61
5.00	21.09	8.25	13.52	12.00	8.64
6.00	21.09	8.50	12.85	13.00	7.93
6.25	20.81	8.75	12.32	14.00	7.73
6.50	19.20	9.00	11.75	14.50	7.71
6.75	18.32				

Lake # 223 10 AUG 81 (Day 222) Time: 13 50 CDT
Air Temperature: 22.5 (C) Wind: 5 - 10 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: GREEN
Inflow Temperature: 16 (C) Outflow Temperature: 20 (C)
Surface Temperature: 22.54 (C)
Epilimnion Temperature: 22.51 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.54	7.00	19.18	9.50	11.86
1.00	22.51	7.25	19.47	9.75	11.49
2.00	22.41	7.50	17.61	10.00	11.28
3.00	22.08	7.75	16.52	10.50	10.38
4.00	22.01	8.00	15.29	11.00	9.90
5.00	21.90	8.25	14.29	12.00	8.84
6.00	21.84	8.50	14.42	13.00	8.23
6.25	21.59	8.75	13.31	14.00	7.91
6.50	20.84	9.00	12.82	14.50	7.81
6.75	19.90	9.25	12.25		

Lake # 223 24 AUG 81 (Day 236) Time: 08 40 CDT
Air Temperature: 19.5 (C) Wind: 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature: 16 (C)
Surface Temperature: 19.67 (C)
Epilimnion Temperature: 19.64 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 8.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.67	7.75	17.99	10.25	11.17
1.00	19.64	8.00	17.62	10.50	11.02
2.00	19.64	8.25	16.14	10.75	10.82
3.00	19.63	8.50	14.10	11.00	10.01
4.00	19.63	8.75	14.26	11.25	9.18
5.00	19.63	9.00	13.25	11.50	8.92
6.00	19.79	9.25	12.52	11.75	8.79
7.00	19.77	9.50	12.44	12.00	8.47
7.25	19.29	9.75	11.87	13.00	7.92
7.50	19.00	10.00	11.59	14.00	7.83

Lake # 223 7 SEP 81 (Day 250) Time: 11 08 CDT
Air Temperature: 15.5 (C) Wind: 5 - 10 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: PALE -GREEN
Inflow Temperature: 12.4 (C) Outflow Temperature: 16 (C)
Surface Temperature: 19.64 (C)
Epilimnion Temperature: 19.62 (C) Epilimnion Depth (1 C/M): 8.625 (M)
Planar-Thermocline : 8.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.64	8.00	19.00	10.00	12.49
1.00	19.62	8.25	18.82	10.25	11.99
2.00	19.57	8.50	18.63	10.50	11.56
3.00	19.46	8.75	17.30	11.00	10.78
4.00	19.42	9.00	14.49	11.50	9.71
5.00	19.42	9.25	13.67	12.00	9.56
6.00	19.41	9.50	13.10	13.00	8.55
7.00	19.33	9.75	12.83	14.00	8.35

Lake # 223 21 SEP 81 (Day 264) Time: 09 28 CDT
Air Temperature: 7 (C) Wind: 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: PALE -YELLOW
Inflow Temperature: 6 (C) Outflow Temperature: 8 (C)
Surface Temperature: 16.27 (C)
Epilimnion Temperature: 16.27 (C) Epilimnion Depth (1 C/M): 9.125 (M)
Planar-Thermocline : 9.625 (M) Change at Planar-Thermo: 4.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.27	7.00	16.27	10.50	11.85
1.00	16.27	8.00	16.27	11.00	10.87
2.00	16.27	9.00	16.19	11.50	9.89
3.00	16.27	9.25	15.57	12.00	9.41
4.00	16.27	9.50	15.25	13.00	8.69
5.00	16.27	9.75	14.23	14.00	8.55
6.00	16.27	10.00	13.55		

Lake # 223 5 OCT 81 (Day 278) Time: 09 52 CDT
Air Temperature: 11 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: NO WIND
Secchi Visibility: 2.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: 7.2 (C) Outflow Temperature: 9 (C)
Surface Temperature: 11.5 (C)
Epilimnion Temperature: 11.5 (C) Epilimnion Depth (1 C/M): 13.25 (M)
Planar-Thermocline : 13.75 (M) Change at Planar-Thermo: 4.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.50	6.00	11.48	12.00	11.43
1.00	11.50	7.00	11.47	13.00	11.26
2.00	11.49	8.00	11.46	13.50	10.25
3.00	11.50	9.00	11.46	14.00	8.07
4.00	11.50	10.00	11.46	14.50	8.02
5.00	11.49	11.00	11.45	15.00	8.02

Lake # 223 4 MAY 82 (Day 124) Time:
Air Temperature: -1 (C) Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 4.8 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.67 (C)
Epilimnion Temperature: 7.64 (C) Epilimnion Depth (1 C/M): 13 (M)
Planar-Thermocline : 8.5 (M) Change at Planar-Thermo: 0.740 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.67	5.00	6.61	10.00	4.72
1.00	7.64	6.00	6.29	11.00	4.63
2.00	7.28	7.00	6.24	12.00	4.58
3.00	6.97	8.00	5.80	13.00	4.58
4.00	6.76	9.00	5.06		

Lake # 223 19 OCT 81 (Day 292) Time: 08 10 CDT
Air Temperature: 7 (C) Wind: 15 - 20 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: GREEN
Inflow Temperature: 5.1 (C) Outflow Temperature: 6.3 (C)
Surface Temperature: 8.15 (C)
Epilimnion Temperature: 8.15 (C) Epilimnion Depth (1 C/M): 14 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.15	5.00	8.15	10.00	8.15
1.00	8.15	6.00	8.15	11.00	8.15
2.00	8.15	7.00	8.15	12.00	8.15
3.00	8.15	8.00	8.15	13.00	8.15
4.00	8.15	9.00	8.15	14.00	8.15

Lake # 223 10 MAY 82 (Day 130) Time: 08 30 CDT
Air Temperature: 13 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.2 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.62 (C)
Epilimnion Temperature: 8.62 (C) Epilimnion Depth (1 C/M): 14 (M)
Planar-Thermocline : 6.5 (M) Change at Planar-Thermo: 0.930 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.62	5.00	7.75	10.00	5.62
1.00	8.62	6.00	7.42	11.00	5.55
2.00	8.60	7.00	6.49	12.00	5.35
3.00	8.41	8.00	6.57	13.00	5.27
4.00	8.14	9.00	6.08	14.00	5.19

Lake # 223 24 MAY 82 (Day 144) Time: 08 54 CDT
Air Temperature: 16 (C)
Cloud Cover: 1 /10
Secchi Visibility: 6 (M)
Inflow Temperature: 10 (C)
Surface Temperature: 13.7 (C)
Epilimnion Temperature: 13.62 (C)
Planar-Thermocline : 2.875 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature: 11 (C)

Epilimnion Depth (1 C/M): 2.625 (M)
Change at Planar-Thermo: 3.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.70	3.75	11.33	6.75	7.10
1.00	13.62	4.00	11.13	7.00	6.92
2.00	13.58	5.00	10.23	8.00	6.20
2.25	13.43	5.25	9.85	9.00	5.94
2.50	13.43	5.50	9.03	10.00	5.67
2.75	12.92	5.75	9.10	11.00	5.48
3.00	11.93	6.00	8.40	12.00	5.35
3.25	11.60	6.25	7.55	13.00	5.27
3.50	11.47	6.50	7.24	14.00	5.24

Lake # 223 21 JUN 82 (Day 172) Time: 10 30 CDT
Air Temperature: 16 (C)
Cloud Cover: 6 /10
Secchi Visibility: 6.4 (M)
Inflow Temperature: 15 (C)
Surface Temperature: 16.31 (C)
Epilimnion Temperature: 16.31 (C)
Planar-Thermocline : 6.375 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: PALE
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.31	5.75	14.74	7.75	8.49
1.00	16.31	6.00	13.94	8.00	8.23
2.00	16.24	6.25	15.55	9.00	7.56
3.00	16.23	6.50	11.62	10.00	6.86
4.00	16.22	6.75	10.85	11.00	6.41
5.00	15.90	7.00	10.13	12.00	5.99
5.25	15.75	7.25	9.38	13.00	5.88
5.50	15.44	7.50	8.82	14.00	5.82

Lake # 223 7 JUN 82 (Day 158) Time: 13 40 CDT
Air Temperature: 9.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6.2 (M)
Inflow Temperature: 13 (C)
Surface Temperature: 16.15 (C)
Epilimnion Temperature: 16.15 (C)
Planar-Thermocline : 4.875 (M)

Wind: 10 - 15 KMPH
Weather Description:
Water Color: PALE
Outflow Temperature: 13.5 (C)

Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 9.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.15	5.25	12.68	7.50	7.98
1.00	16.15	5.50	11.79	7.75	7.74
2.00	16.15	5.75	11.25	8.00	7.66
3.00	16.15	6.00	10.52	9.00	6.95
4.00	16.12	6.25	10.04	10.00	6.53
4.25	16.12	6.50	9.53	11.00	6.30
4.25	16.12	6.75	8.92	12.00	5.79
4.50	16.12	7.00	8.61	13.00	5.72
4.75	15.64	7.25	8.11	14.00	5.69
5.00	13.33				

Lake # 223 5 JUL 82 (Day 186) Time: 08 50 CDT
Air Temperature: 20 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6.4 (M)
Inflow Temperature: 18 (C)
Surface Temperature: 18.84 (C)
Epilimnion Temperature: 18.81 (C)
Planar-Thermocline : 6.375 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.84	6.50	14.81	8.50	9.07
1.00	18.81	6.75	14.28	8.75	8.78
2.00	18.65	7.00	14.06	9.00	8.42
3.00	18.63	7.25	13.90	10.00	7.62
4.00	18.57	7.50	13.46	11.00	7.24
5.00	18.52	7.75	11.79	12.00	6.67
6.00	18.18	8.00	9.94	13.00	6.46
6.25	17.63	8.25	9.39	14.00	6.30

Lake # 223 19 JUL 82 (Day 200) Time: 09 04 CDT
Air Temperature: 20 (C) Wind: 0 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 6.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.55 (C)
Epilimnion Temperature: 20.55 (C) Epilimnion Depth (1 C/M): 5.625 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 7.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.55	6.25	17.41	8.75	9.58
1.00	20.55	6.50	16.53	9.00	9.29
2.00	20.55	6.75	15.87	9.25	8.82
3.00	20.55	7.00	14.64	9.50	8.63
4.00	20.52	7.25	13.35	9.75	8.44
5.00	20.51	7.50	12.78	10.00	8.26
5.25	20.44	7.75	11.99	11.00	7.73
5.50	20.23	8.00	11.19	12.00	7.00
5.75	19.94	8.25	10.50	13.00	6.90
6.00	19.20	8.50	10.13	14.00	6.74

Lake # 223 2 AUG 82 (Day 214) Time: 09 30 CDT
Air Temperature: 16 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.43 (C)
Epilimnion Temperature: 21.47 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.43	6.75	16.78	9.00	9.75
1.00	21.47	7.00	15.40	9.25	9.25
2.00	21.50	7.25	14.31	9.50	9.13
3.00	21.52	7.50	13.41	9.75	8.80
4.00	21.52	7.75	12.31	10.00	8.55
5.00	21.48	8.00	11.67	11.00	7.75
6.00	21.25	8.25	11.06	12.00	7.21
6.25	19.45	8.50	10.71	13.00	6.93
6.50	18.08	8.75	10.22	14.00	6.81

Lake # 223 16 AUG 82 (Day 228) Time: 09 10 CDT
Air Temperature: 21.9 (C) Wind: 0 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.86 (C)
Epilimnion Temperature: 20.99 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 6.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.86	6.75	19.36	9.00	10.42
1.00	20.99	7.00	18.66	9.25	9.78
2.00	20.96	7.25	17.55	9.50	9.54
3.00	20.95	7.50	15.81	9.75	9.11
4.00	20.94	7.75	14.60	10.00	8.68
5.00	20.74	8.00	13.11	12.00	7.49
6.00	20.42	8.25	12.02	13.00	7.31
6.25	20.17	8.50	11.47	14.00	7.19
6.50	19.85	8.75	10.93		

Lake # 223 30 AUG 82 (Day 242) Time: 10 00 CDT
Air Temperature: 15 (C) Wind: 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: TURBID
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.05 (C)
Epilimnion Temperature: 17.08 (C) Epilimnion Depth (1 C/M): 7.875 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.05	7.50	17.12	9.75	9.55
1.00	17.08	7.75	16.95	10.00	9.25
2.00	17.11	8.00	15.46	10.25	8.70
3.00	17.32	8.25	13.96	10.50	8.57
4.00	17.32	8.50	12.18	10.75	8.24
5.00	17.31	8.75	11.78	11.00	8.11
6.00	17.31	9.00	11.12	12.00	7.61
7.00	17.27	9.25	10.33	13.00	7.39
7.25	17.12	9.50	10.08	14.00	7.30

Lake # 223 13 SEP 82 (Day 256) Time: 08 36 CDT
Air Temperature: 12.5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.24 (C)
Epilimnion Temperature: 17.24 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 9.625 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.24	8.00	15.82	10.00	9.42
1.00	17.24	8.25	15.23	10.25	8.93
2.00	17.24	8.50	14.17	10.50	8.70
3.00	17.23	8.75	13.27	10.75	8.50
4.00	17.23	9.00	12.53	11.00	8.31
5.00	18.88	9.25	11.60	12.00	7.90
6.00	16.66	9.50	10.82	13.00	7.71
7.00	16.39	9.75	9.72	14.00	7.51

Lake # 223 27 SEP 82 (Day 270) Time: 09 13 CDT
Air Temperature: 8 (C) Wind: 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: GREEN
Inflow Temperature: 11 (C) Outflow Temperature:
Surface Temperature: 13.32 (C)
Epilimnion Temperature: 13.32 (C) Epilimnion Depth (1 C/M): 9.375 (M)
Planar-Thermocline : 9.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.32	7.00	13.23	10.25	11.24
1.00	13.32	8.00	13.15	10.50	9.30
2.00	13.32	9.00	13.04	10.75	8.43
3.00	13.32	9.25	12.90	11.00	8.12
4.00	13.32	9.50	17.80	12.00	7.68
5.00	13.23	9.75	12.42	13.00	7.52
6.00	13.23	10.00	11.67	14.00	7.41

Lake # 223 11 OCT 82 (Day 284) Time: 10 20 CDT
Air Temperature: 7.5 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.11 (C)
Epilimnion Temperature: 10.21 (C) Epilimnion Depth (1 C/M): 12.125 (M
Planar-Thermocline : 12.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.11	6.00	10.23	12.00	10.20
1.00	10.21	7.00	10.23	12.25	9.00
2.00	10.22	8.00	10.23	12.50	8.15
3.00	10.23	9.00	10.23	12.75	7.70
4.00	10.23	10.00	10.23	13.00	7.40
5.00	10.23	11.00	10.21	14.00	7.24

Lake # 223 25 OCT 82 (Day 298) Time: 08 04 CDT
Air Temperature: 6 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: PALE -GREEN
Inflow Temperature: 6 (C) Outflow Temperature:
Surface Temperature: 6.73 (C)
Epilimnion Temperature: 6.75 (C) Epilimnion Depth (1 C/M): 14 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.73	5.00	6.74	10.00	6.75
1.00	6.75	6.00	6.74	11.00	6.73
2.00	6.75	7.00	6.73	12.00	6.73
3.00	6.75	8.00	6.73	13.00	6.74
4.00	6.75	9.00	6.74	14.00	6.74

Lake # 223 10 MAY 83 (Day 130) Time: 08 38 CDT
Air Temperature: 11 (C) Wind: SE 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.2 (C)
Epilimnion Temperature: 7.2 (C) Epilimnion Depth (1 C/M): 14.5 (M)
Planar-Thermocline : 8.5 (M) Change at Planar-Thermo: 0.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.20	6.00	7.00	11.00	5.90
1.00	7.20	7.00	6.90	12.00	5.70
2.00	7.10	8.00	6.80	13.00	5.60
3.00	7.10	9.00	6.40	14.00	5.50
4.00	7.00	10.00	6.00	14.50	5.50
5.00	7.00				

Lake # 223 30 MAY 83 (Day 150) Time: 08 25 CDT
Air Temperature: 14 (C) Wind: N 15 - 20 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: PALE -YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.6 (C)
Epilimnion Temperature: 12.6 (C) Epilimnion Depth (1 C/M): 4.375 (M
Planar-Thermocline : 5.075 (M) Change at Planar-Thermo: 3.333 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.60	5.15	10.30	8.00	7.80
1.00	12.60	5.50	10.10	9.00	7.40
2.00	12.40	5.75	9.70	10.00	7.10
3.00	12.40	6.00	9.60	11.00	6.90
4.00	11.90	6.25	9.40	12.00	6.80
4.25	11.70	6.50	9.00	13.00	6.70
4.50	11.30	6.75	8.60	14.00	6.70
4.75	11.10	7.00	8.40	14.25	6.50
5.00	10.80				

Lake # 223 16 MAY 83 (Day 136) Time: 08 40 CDT
Air Temperature: 5 (C) Wind: NE 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: TURQ -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.5 (C)
Epilimnion Temperature: 7.4 (C) Epilimnion Depth (1 C/M): 14 (M)
Planar-Thermocline : 9.5 (M) Change at Planar-Thermo: 0.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.50	5.00	7.30	10.00	6.30
1.00	7.40	6.00	7.20	11.00	6.30
2.00	7.40	7.00	7.10	12.00	6.00
3.00	7.40	8.00	7.10	13.00	5.90
4.00	7.30	9.00	7.00	14.00	5.70

Lake # 223 13 JUN 83 (Day 164) Time: 08 46 CDT
Air Temperature: 22 (C) Wind: S 25 - 30 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 6.5 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.3 (C)
Epilimnion Temperature: 19.3 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.30	5.00	16.10	7.50	11.40
1.00	19.30	5.25	15.80	7.75	11.00
2.00	19.20	5.50	15.60	8.00	10.70
3.00	19.10	5.75	15.10	9.00	10.20
3.25	19.10	6.00	14.30	10.00	9.70
3.50	19.10	6.25	13.40	11.00	9.30
3.75	19.00	6.50	12.90	12.00	9.10
4.00	17.50	6.75	12.70	13.00	9.00
4.25	17.10	7.00	12.00	14.00	9.00
4.50	16.60	7.25	11.70	14.25	8.90
4.75	16.50				

Lake # 223 0 JUL 83 (Day 181) Time: 14 03 CDT
Air Temperature: 18.2 (C) Wind: S 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.2 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.20	5.50	16.40	7.75	10.60
1.00	20.20	5.75	15.80	8.00	10.40
2.00	20.20	6.00	14.70	9.00	9.40
3.00	20.20	6.25	14.00	10.00	8.90
4.00	20.20	6.50	13.50	11.00	8.40
4.25	20.20	6.75	12.70	12.00	8.00
4.50	20.00	7.00	12.00	13.00	7.90
4.75	18.40	7.25	11.40	14.00	7.60
5.00	17.80	7.50	10.80	14.40	7.40
5.25	16.70				

Lake # 223 11 JUL 83 (Day 192) Time: 08 45 CDT
Air Temperature: 20 (C) Wind: W 25 - 35 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.9 (C)
Epilimnion Temperature: 22 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.90	5.75	17.80	8.25	10.50
1.00	22.00	6.00	17.30	8.50	10.30
2.00	22.00	6.25	16.50	8.75	10.20
3.00	21.90	6.50	15.00	9.00	9.70
4.00	21.30	6.75	14.40	10.00	9.10
4.25	19.90	7.00	13.70	11.00	8.70
4.50	19.60	7.25	13.00	12.00	8.30
4.75	19.30	7.50	12.30	13.00	8.10
5.00	19.10	7.75	11.80	14.00	8.00
5.25	18.90	8.00	11.10	14.50	7.80
5.50	18.60				

Lake # 223 4 JUL 83 (Day 185) Time: 09 00 CDT
Air Temperature: 11 (C) Wind: N 25 - 30 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19 (C)
Epilimnion Temperature: 19 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.00	5.75	15.80	8.25	10.40
1.00	19.00	6.00	15.10	8.50	10.10
2.00	19.10	6.25	14.30	8.75	9.70
3.00	19.20	6.50	14.00	9.00	9.50
4.00	19.20	6.75	13.50	10.00	8.90
4.25	19.10	7.00	13.00	11.00	8.40
4.50	19.10	7.25	11.90	12.00	8.00
4.75	18.90	7.50	11.30	13.00	7.90
5.00	17.90	7.75	11.00	14.00	7.70
5.25	16.90	8.00	10.70	14.50	7.50
5.50	16.40				

Lake # 223 25 JUL 83 (Day 206) Time: 08 42 CDT
Air Temperature: 22 (C) Wind: 0 - 0 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 5.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.8 (C)
Epilimnion Temperature: 22.8 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.80	5.50	19.00	8.00	11.30
1.00	22.80	5.75	18.50	8.25	10.70
2.00	22.80	6.00	17.50	8.50	10.40
3.00	22.80	6.25	16.50	8.75	10.10
4.00	22.80	6.25	15.40	9.00	9.80
4.25	22.70	6.50	14.40	10.00	8.80
4.50	22.20	7.00	13.50	11.00	8.10
4.75	22.00	7.25	12.80	12.00	7.50
5.00	21.15	7.50	12.40	13.00	7.30
5.25	20.20	7.75	11.80	14.00	7.10

Lake # 223 8 AUG 83 (Day 220) Time: 08 46 CDT
Air Temperature: 22 (C) Wind: W 15 - 20 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 24 (C)
Epilimnion Temperature: 24.1 (C) Epilimnion Depth (1 C/M): 5.375 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.00	6.25	19.20	8.50	11.90
1.00	24.10	6.50	18.30	8.75	11.50
2.00	24.10	6.75	17.10	9.00	11.10
3.00	24.10	7.00	16.10	10.00	10.20
4.00	24.10	7.25	15.10	11.00	9.40
5.00	24.10	7.50	14.40	12.00	8.70
5.25	24.00	7.75	13.70	13.00	8.40
5.50	22.50	8.00	13.00	14.00	8.20
5.75	21.50	8.25	12.10	14.50	7.90
6.00	20.10				

Lake # 223 5 SEP 83 (Day 248) Time: 09 10 CDT
Air Temperature: 18 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22 (C)
Epilimnion Temperature: 22 (C) Epilimnion Depth (1 C/M): 6.875 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	7.25	18.60	10.00	11.00
1.00	22.00	7.50	17.30	10.25	10.50
2.00	22.00	7.75	16.40	10.50	10.20
3.00	22.00	8.00	15.50	10.75	10.00
4.00	22.00	8.25	14.40	11.00	9.60
5.00	22.00	8.50	13.90	11.25	9.30
6.00	22.00	8.75	13.40	11.50	9.10
6.25	21.90	9.00	12.70	11.75	8.90
6.50	21.90	9.25	12.20	12.00	8.80
6.75	21.70	9.50	11.70	13.00	8.30
7.00	20.70	9.75	11.40	14.00	8.20

Lake # 223 22 AUG 83 (Day 234) Time: 09 02 CDT
Air Temperature: 19 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.25 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.7 (C)
Epilimnion Temperature: 20.7 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.70	7.00	18.20	9.50	10.70
1.00	20.70	7.25	16.50	9.75	10.40
2.00	20.70	7.50	15.20	10.00	9.90
3.00	20.70	7.75	14.30	10.25	9.20
4.00	20.70	8.00	13.70	10.50	9.10
5.00	20.70	8.25	13.00	10.75	8.90
6.00	20.70	8.50	12.60	11.00	8.70
6.25	20.60	8.75	12.20	12.00	7.90
6.50	20.60	9.00	11.50	13.00	7.50
6.75	19.90	9.25	11.10	14.00	7.30

Lake # 223 19 SEP 83 (Day 262) Time: 09 15 CDT
Air Temperature: 9 (C) Wind: W 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.5 (C)
Epilimnion Temperature: 14.5 (C) Epilimnion Depth (1 C/M): 9.875 (M)
Planar-Thermocline : 9.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.50	8.00	14.50	11.00	9.05
1.00	14.50	9.00	14.50	11.25	8.60
2.00	14.50	9.50	14.40	11.50	8.40
3.00	14.50	9.75	14.40	11.75	8.25
4.00	14.50	10.00	11.60	12.00	7.95
5.00	14.50	10.25	10.20	13.00	7.55
6.00	14.50	10.50	9.75	14.00	7.40
7.00	14.50	10.75	9.25		

Lake # 223 3 OCT 83 (Day 276) Time: 09 00 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 6.5 (M)
Inflow Temperature:
Surface Temperature: 12.4 (C)
Epilimnion Temperature: 12.6 (C)
Planar-Thermocline : 12.125 (M)
Wind: N 5 - 10 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 11.125 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.40	7.00	12.60	11.75	11.10
1.00	12.60	8.00	12.60	12.00	10.70
2.00	12.60	9.00	12.60	12.25	9.90
3.00	12.60	10.00	12.55	12.50	9.40
4.00	12.60	11.00	11.80	12.75	8.70
5.00	12.60	11.25	11.40	13.00	8.50
6.00	12.60	11.50	11.30	14.00	8.20

Lake # 224 22 MAY 74 (Day 142) Time: 10 45 CST
Air Temperature: 13 (C)
Cloud Cover: 5 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 10.88 (C)
Epilimnion Temperature: 10.77 (C)
Planar-Thermocline : 4.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN -BLUE
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 1.230 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.88	6.00	6.95	14.00	4.82
1.00	10.77	7.00	6.61	15.00	4.77
2.00	10.40	8.00	6.18	16.00	4.71
3.00	9.55	9.00	5.72	18.00	4.70
4.00	8.58	10.00	5.48	20.00	4.68
5.00	7.35	12.00	4.95	22.50	4.60

Lake # 223 17 OCT 83 (Day 290) Time: 09 00 CDT
Air Temperature: 2 (C)
Cloud Cover: 8 /10
Secchi Visibility: 6.2 (M)
Inflow Temperature:
Surface Temperature: 8.7 (C)
Epilimnion Temperature: 8.7 (C)
Planar-Thermocline : .5 (M)
Wind: W 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 14 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.70	5.00	8.70	10.00	8.70
1.00	8.70	6.00	8.70	11.00	8.70
2.00	8.70	7.00	8.70	12.00	8.70
3.00	8.70	8.00	8.70	13.00	8.70
4.00	8.70	9.00	8.70	14.00	8.70

Lake # 224 19 JUN 74 (Day 170) Time: 10 15 CDT
Air Temperature: 22.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 17.15 (C)
Epilimnion Temperature: 16.7 (C)
Planar-Thermocline : 5.375 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.15	5.75	10.38	15.00	5.00
1.00	16.70	6.00	9.85	16.00	4.91
2.00	16.40	7.00	8.91	18.00	4.80
3.00	16.30	8.00	7.55	20.00	4.75
4.00	15.95	9.00	6.80	22.00	4.70
5.00	14.66	10.00	6.30	24.00	4.66
5.25	13.10	12.00	5.72	25.00	4.65
5.50	11.20	14.00	5.42	25.90	4.62

Lake # 224 17 JUL 74 (Day 198) Time: 08 20 CDT
Air Temperature: 16 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 23.7 (C)
Epilimnion Temperature: 23.7 (C)
Planar-Thermocline : 5.125 (M)
Wind: 0 - 0 KMPH
Weather Description: CALM
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.70	5.75	18.08	15.00	6.35
1.00	23.70	6.00	15.95	16.00	6.18
2.00	23.70	7.00	13.12	18.00	5.95
3.00	23.70	8.00	11.10	20.00	5.72
4.00	23.40	9.00	9.35	22.00	5.70
5.00	23.08	10.00	8.60	24.00	5.62
5.25	20.55	12.00	7.32	25.00	5.61
5.50	18.62	14.00	6.55	26.00	5.60

Lake # 224 11 SEP 74 (Day 254) Time: 09 45 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6.5 (M)
Inflow Temperature:
Surface Temperature: 14.55 (C)
Epilimnion Temperature: 14.62 (C)
Planar-Thermocline : 9.75 (M)
Wind: 0 - 0 KMPH
Weather Description: CALM
Water Color: BLUE
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.75 (M)
Change at Planar-Thermo: 5.340 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.55	8.00	14.60	14.00	6.40
1.00	14.62	8.50	14.50	16.00	5.75
2.00	14.62	9.00	13.70	18.00	5.40
3.00	14.62	9.50	12.15	20.00	5.25
4.00	14.62	10.00	9.48	22.00	5.02
5.00	14.60	11.00	8.35	24.00	4.98
6.00	14.60	12.00	7.70	25.10	4.97
7.00	14.60				

Lake # 224 14 AUG 74 (Day 226) Time: 10 30 CDT
Air Temperature: 18 (C)
Cloud Cover: 8 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 20.45 (C)
Epilimnion Temperature: 20.42 (C)
Planar-Thermocline : 7.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 4.770 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.45	7.00	17.15	16.00	5.69
1.00	20.42	8.00	12.38	18.00	5.38
2.00	20.41	9.00	9.97	20.00	5.06
3.00	20.38	10.00	8.72	22.00	4.95
4.00	20.34	12.00	7.25	24.00	4.91
5.00	20.28	14.00	6.30	25.00	4.90
6.00	20.06	15.00	5.89		

Lake # 224 9 OCT 74 (Day 282) Time: 10 20 CDT
Air Temperature: 6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 7 (M)
Inflow Temperature:
Surface Temperature: 8.44 (C)
Epilimnion Temperature: 8.44 (C)
Planar-Thermocline : 14.5 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color: BLUE
Outflow Temperature:
Epilimnion Depth (1 C/M): 14.5 (M)
Change at Planar-Thermo: 1.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.44	9.00	8.48	18.00	5.66
1.00	8.44	10.00	8.48	19.00	5.48
2.00	8.48	11.00	8.48	20.00	5.38
3.00	8.48	12.00	8.48	21.00	5.28
4.00	8.48	13.00	8.40	22.00	5.08
5.00	8.48	14.00	7.88	23.00	5.04
6.00	8.48	15.00	6.44	24.00	5.04
7.00	8.48	16.00	6.00	25.00	5.02
8.00	8.48	17.00	5.72	25.20	5.02

Lake # 224 6 NOV 74 (Day 310) Time: 10 05 CST
Air Temperature: 1.6 (C) Wind: 3 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.56 (C)
Epilimnion Temperature: 5.58 (C) Epilimnion Depth (1 C/M): 25 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.56	5.00	5.58	20.00	5.58
1.00	5.58	10.00	5.58	25.00	5.58
3.00	5.58				

Lake # 224 4 JUN 75 (Day 155) Time: 09 30 CDT
Air Temperature: 12 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.56 (C)
Epilimnion Temperature: 15.56 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.56	6.00	11.15	10.00	6.50
3.00	15.56	6.50	9.53	15.00	4.95
5.00	15.56	7.00	8.93	20.00	4.61
5.25	12.97	8.00	8.07	25.00	4.45
5.50	12.68	9.00	7.31	25.80	4.45
5.75	11.20				

Lake # 224 0 JUL 75 (Day 181) Time: 10 30 CDT
Air Temperature: 21.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 7.8 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.42 (C)
Epilimnion Temperature: 22.38 (C) Epilimnion Depth (1 C/M): 3.75 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 6.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.42	4.75	19.82	7.50	10.53
1.00	22.38	5.00	19.28	8.00	10.28
2.00	22.21	5.25	18.92	9.00	9.38
3.00	22.17	5.50	18.17	10.00	8.30
3.50	21.73	5.75	16.65	15.00	5.35
4.00	21.13	6.00	15.10	20.00	4.87
4.25	20.76	6.50	12.96	25.00	4.69
4.50	20.35	7.00	12.13		

Lake # 224 28 JUL 75 (Day 209) Time: 10 20 CDT
Air Temperature: 23 (C) Wind: 8 - 16 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.13 (C)
Epilimnion Temperature: 22.06 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.13	6.25	18.25	10.00	8.88
1.00	22.06	6.50	17.93	12.00	7.31
2.00	22.03	6.75	16.31	14.00	6.34
3.00	22.00	7.00	15.56	16.00	5.69
4.00	21.97	7.50	13.94	18.00	5.26
4.50	21.94	8.00	12.22	20.00	4.97
5.00	21.87	8.50	11.15	22.00	4.82
5.50	21.73	9.00	10.29	24.00	4.75
5.75	21.63	9.50	9.74	25.00	4.74
6.00	21.45				

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Lake # 224 25 AUG 75 (Day 237) Time: 11 00 CDT
Air Temperature: 15 (C) Wind: 24 - 32 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.22 (C)
Epilimnion Temperature: 19.22 (C) Epilimnion Depth (1 C/M): 7.5 (M)
Planar-Thermocline : 9.5 (M) Change at Planar-Thermo: 4.580 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.22	8.00	16.98	16.00	5.97
1.00	19.22	9.00	14.56	17.00	5.78
2.00	19.22	10.00	9.98	18.00	5.70
3.00	19.06	11.00	8.97	19.00	5.37
4.00	19.07	12.00	7.61	20.00	5.37
5.00	19.07	13.00	6.85	22.00	5.12
6.00	19.06	14.00	6.53	24.00	4.90
6.50	18.95	15.00	6.42	25.00	4.89
7.00	18.84				

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Lake # 224 20 OCT 75 (Day 293) Time: 10 20 CDT
Air Temperature: 8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description: WINDS GUSTY
Secchi Visibility: 6.25 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.41 (C)
Epilimnion Temperature: 10.41 (C) Epilimnion Depth (1 C/M): 13.125 (M)
Planar-Thermocline : 13.625 (M) Change at Planar-Thermo: 4.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.41	9.00	10.41	14.00	7.50
1.00	10.41	10.00	10.39	16.00	6.27
2.00	10.41	11.00	10.39	18.00	5.73
3.00	10.41	12.00	10.33	20.00	5.34
4.00	10.41	13.00	9.96	22.00	5.22
5.00	10.41	13.25	9.03	24.00	5.13
6.00	10.41	13.50	8.77	25.00	5.11
7.00	10.41	13.75	7.74	25.50	5.11
8.00	10.41				

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Lake # 224 22 SEP 75 (Day 265) Time: 10 00 CDT
Air Temperature: 12 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.42 (C)
Epilimnion Temperature: 13.42 (C) Epilimnion Depth (1 C/M): 10.25 (M)
Planar-Thermocline : 10.75 (M) Change at Planar-Thermo: 3.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.42	7.00	13.40	12.00	8.56
1.00	13.42	8.00	13.40	13.00	7.53
2.00	13.43	9.00	13.40	15.00	6.34
3.00	13.45	10.00	13.22	20.00	5.25
4.00	13.42	10.50	11.88	25.00	4.96
5.00	13.41	11.00	10.29	25.80	4.93
6.00	13.40	11.50	9.12		

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Lake # 224 4 MAY 76 (Day 124) Time: 11 20 CDT
Air Temperature: 4 (C) Wind: 8 - 2 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 7.3 (M) Water Color:
Inflow Temperature: 6.5 (C) Outflow Temperature:
Surface Temperature: 6.03 (C)
Epilimnion Temperature: 5.95 (C) Epilimnion Depth (1 C/M): 26.3 (M)
Planar-Thermocline : 10.5 (M) Change at Planar-Thermo: 0.290 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.03	10.00	5.69	19.00	4.88
1.00	5.95	11.00	5.40	20.00	4.87
2.00	5.88	12.00	5.13	21.00	4.85
3.00	5.81	13.00	5.07	22.00	4.85
4.00	5.77	14.00	5.02	23.00	4.84
5.00	5.77	15.00	4.98	24.00	4.83
6.00	5.73	16.00	4.93	25.00	4.83
7.00	5.71	17.00	4.89	26.00	4.82
8.00	5.72	18.00	4.89	26.30	4.76
9.00	5.70				

Lake # 224 18 MAY 76 (Day 138) Time: 11 25 CDT
Air Temperature: 18.1 (C) Wind: 0 - 8 KMPH
Cloud Cover: 2 /10 Weather Description: HAZE
Secchi Visibility: ; (M) Water Color: BLUE -GREEN
Inflow Temperature: 13.2 (C) Outflow Temperature:
Surface Temperature: 10.97 (C)
Epilimnion Temperature: 10.72 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 3.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.97	5.50	8.66	15.00	5.68
1.00	10.72	6.00	8.55	16.00	5.60
2.00	10.68	7.00	8.12	17.00	5.41
3.00	10.53	8.00	7.36	18.00	5.38
4.00	10.50	9.00	7.07	19.00	5.33
4.25	10.37	10.00	6.77	20.00	5.31
4.50	10.05	11.00	6.41	21.00	5.29
4.75	9.16	12.00	6.18	22.00	5.29
5.00	8.88	13.00	6.00	26.10	5.29
5.25	8.74	14.00	5.82		

Lake # 224 1 JUN 76 (Day 152) Time: 09 55 CDT
Air Temperature: 22.50 (C) Wind: -
Cloud Cover: 0 /10 Weather Description: HAZE
Secchi Visibility: 7.2 (M) Water Color: BLUE -GREEN
Inflow Temperature: 19.19 (C) Outflow Temperature:
Surface Temperature: 18.92 (C)
Epilimnion Temperature: 18.46 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 3.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.92	5.50	12.31	14.00	5.87
1.00	18.46	5.75	11.69	15.00	5.77
2.00	17.69	6.00	11.18	16.00	5.59
3.00	16.95	6.50	10.46	17.00	5.47
3.50	16.24	7.00	9.89	18.00	5.44
3.75	16.05	8.00	8.99	19.00	5.39
4.00	15.82	9.00	8.37	20.00	5.38
4.25	15.14	10.00	7.43	21.00	5.37
4.50	14.22	11.00	6.58	22.00	5.36
4.75	13.52	12.00	6.20	24.00	5.31
5.00	13.16	13.00	6.02	26.10	5.24

Lake # 224 15 JUN 76 (Day 166) Time: 09 00 CDT
Air Temperature: 16.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7.9 (M) Water Color: BLUE -GREEN
Inflow Temperature: 13.8 (C) Outflow Temperature:
Surface Temperature: 19.58 (C)
Epilimnion Temperature: 19.64 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.58	5.50	14.98	12.00	7.04
1.00	19.64	5.75	14.41	14.00	6.30
2.00	19.64	6.00	13.67	16.00	5.90
3.00	19.64	6.50	12.62	18.00	5.67
4.00	19.66	7.00	11.66	20.00	5.50
4.50	19.57	7.50	11.18	22.00	5.44
4.75	19.55	8.00	10.54	24.00	5.39
5.00	18.33	9.00	9.26	25.50	5.39
5.25	15.76	10.00	8.40		

Lake # 224 29 JUN 76 (Day 180) Time: 09 20 CDT
Air Temperature: 18.1 (C) Wind: -
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 8.7 (M) Water Color: BLUE -GREEN
Inflow Temperature: 15.41 (C) Outflow Temperature:
Surface Temperature: 19.06 (C)
Epilimnion Temperature: 19.08 (C) Epilimnion Depth (1 C/M): 5.875 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 6.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.06	6.00	16.90	12.00	7.72
1.00	19.08	6.25	15.96	14.00	6.78
2.00	19.07	6.50	15.65	16.00	6.11
3.00	19.06	6.75	14.76	18.00	5.88
4.00	19.04	7.00	14.23	20.00	5.73
5.00	18.95	7.50	12.52	22.00	5.51
5.25	18.84	8.00	11.37	24.00	5.48
5.50	18.64	9.00	10.35	26.00	5.46
5.75	18.42	10.00	9.29	26.25	5.46

Lake # 224 13 JUL 76 (Day 194) Time: 09 15 CDT
Air Temperature: 26.4 (C)
Cloud Cover: 7 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 22.09 (C)
Epilimnion Temperature: 22.06 (C)
Planar-Thermocline : 6.125 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: 6.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.09	6.50	17.73	12.00	8.47
1.00	22.06	6.75	16.91	14.00	7.28
2.00	22.06	7.00	16.55	16.00	6.56
3.00	22.04	7.25	15.52	18.00	6.12
4.00	22.03	7.50	14.72	20.00	5.85
5.00	22.00	7.75	14.1[illegible]	22.00	5.76
5.50	21.70	8.00	13.48	24.00	5.68
5.75	21.38	9.00	11.70	26.00	5.63
6.00	20.15	10.00	10.25	26.25	5.63
6.25	18.58				

Lake # 224 10 AUG 76 (Day 222) Time: 09 30 CDT
Air Temperature: 24.85 (C)
Cloud Cover: 5 /10
Secchi Visibility: 7 (M)
Inflow Temperature:
Surface Temperature: 21.22 (C)
Epilimnion Temperature: 21.22 (C)
Planar-Thermocline : 7.375 (M)
Wind: -
Weather Description: HAZE
Water Color: BLUE -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.375 (M)
Change at Planar-Thermo: 5.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.22	8.00	17.60	12.00	8.82
1.00	21.22	8.25	16.58	12.50	8.54
2.00	21.23	8.50	15.50	13.00	8.08
3.00	21.23	8.75	14.56	14.00	7.65
4.00	21.22	9.00	13.77	15.00	7.20
5.00	21.22	9.50	12.66	17.00	6.59
6.00	21.21	10.00	11.63	19.00	6.11
7.00	21.11	10.50	11.21	21.00	5.83
7.25	20.88	11.00	10.35	23.00	5.72
7.50	19.44	11.50	9.64	25.00	5.67
7.75	18.89				

Lake # 224 27 JUL 76 (Day 208) Time: 09 00 CDT
Air Temperature: 21.9 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 21.7 (C)
Epilimnion Temperature: 21.7 (C)
Planar-Thermocline : 7.125 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.875 (M)
Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.70	7.25	17.91	11.00	9.67
1.00	21.70	7.50	16.79	11.50	9.34
2.00	21.68	7.75	15.71	12.00	8.96
3.00	21.67	8.00	14.80	13.00	8.03
4.00	21.63	8.25	14.28	14.00	7.55
5.00	21.59	8.50	13.74	16.00	6.67
6.00	21.48	8.75	13.50	18.00	6.29
6.25	21.29	9.00	12.49	20.00	5.98
6.50	21.09	9.50	11.95	22.00	5.80
6.75	20.96	10.00	10.84	24.00	5.65
7.00	19.86	10.50	10.31	25.25	5.64

Lake # 224 24 AUG 76 (Day 236) Time: 09 00 CDT
Air Temperature: 21.1 (C)
Cloud Cover: 0 /10
Secchi Visibility: 7.75 (M)
Inflow Temperature:
Surface Temperature: 21.96 (C)
Epilimnion Temperature: 21.97 (C)
Planar-Thermocline : 8.625 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: BLUE -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.625 (M)
Change at Planar-Thermo: 4.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.96	8.25	18.77	11.00	11.11
1.00	21.97	8.50	17.86	12.00	9.71
2.00	21.97	8.75	16.77	13.00	8.74
3.00	21.97	9.00	15.95	14.00	7.98
4.00	21.94	9.25	15.27	16.00	7.06
5.00	21.59	9.50	14.47	18.00	6.50
6.00	21.31	9.75	13.70	20.00	6.32
7.00	20.87	10.00	12.79	22.00	6.16
7.50	20.48	10.25	12.18	24.00	5.92
7.75	20.23	10.50	11.64	25.00	5.90
8.00	19.57				

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Lake # 224 7 SEP 76 (Day 250) Time: 09 30 CDT
Air Temperature: 16.9 (C) Wind: 0 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 7.25 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.06 (C)
Epilimnion Temperature: 18.07 (C) Epilimnion Depth (1 C/M): 9.5 (M)
Planar-Thermocline : 9.875 (M) Change at Planar-Thermo: 9.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.06	7.00	18.05	11.00	11.85
1.00	18.07	7.25	18.05	11.25	11.40
2.00	18.08	7.50	18.05	11.50	11.10
3.00	18.07	7.75	18.04	11.75	10.45
4.00	18.06	8.00	18.04	12.00	10.02
4.25	18.06	8.25	18.04	12.25	9.84
4.50	18.06	8.50	18.02	12.50	9.30
4.75	18.06	8.75	17.95	12.75	9.08
5.00	18.06	9.00	17.82	13.00	8.85
5.25	18.06	9.25	17.61	15.00	7.72
5.50	18.06	9.75	16.54	17.00	7.02
5.75	18.06	10.00	14.26	19.00	6.40
6.00	18.06	10.25	13.51	21.00	6.20
6.25	18.06	10.50	13.08	23.00	6.04
6.50	18.06	10.75	12.09	25.00	6.00
6.75	18.06				

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Lake # 224 21 SEP 76 (Day 264) Time: 09 20 CDT
Air Temperature: 16.2 (C) Wind: 0 - 16 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 7.5 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.95 (C)
Epilimnion Temperature: 16.98 (C) Epilimnion Depth (1 C/M): 10.125 (M)
Planar-Thermocline : 10.625 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.95	10.75	14.21	13.75	8.51
1.00	16.98	11.00	13.04	14.00	8.22
2.00	16.98	11.25	11.87	14.50	7.86
3.00	16.99	11.50	11.26	15.00	7.63
4.00	17.00	11.75	10.82	15.50	7.34
5.00	17.00	12.00	10.45	16.00	7.15
6.00	16.99	12.25	10.25	16.50	6.94
7.00	16.99	12.50	9.92	17.00	6.82
8.00	16.98	12.75	9.75	19.00	6.51
9.00	16.96	13.00	9.39	21.00	6.23
10.00	16.74	13.25	9.03	23.00	6.13
10.25	16.42	13.50	8.75	25.00	6.02
10.50	16.21				

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Lake # 224 5 OCT 76 (Day 278) Time: 09 00 CDT
Air Temperature: 12.75 (C) Wind: 0 - 16 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 7.8 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.36 (C)
Epilimnion Temperature: 13.43 (C) Epilimnion Depth (1 C/M): 12.375 (M)
Planar-Thermocline : 12.625 (M) Change at Planar-Thermo: 3.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.36	10.00	13.42	13.75	8.94
1.00	13.43	11.00	13.41	14.00	8.72
2.00	13.43	12.00	12.52	15.00	7.96
3.00	13.43	12.25	12.29	16.00	7.23
4.00	13.43	12.50	11.61	18.00	6.60
5.00	13.43	12.75	10.65	20.00	6.37
6.00	13.43	13.00	9.99	22.00	6.22
7.00	13.43	13.25	9.60	24.00	6.09
8.00	13.43	13.50	9.13	25.00	6.07
9.00	13.42				

Lake # 224 19 OCT 76 (Day 292) Time: 09 15 CDT
Air Temperature: 9.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6.25 (M)
Inflow Temperature:
Surface Temperature: 8.95 (C)
Epilimnion Temperature: 9.01 (C)
Planar-Thermocline : 16.625 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: BLUE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 16.625 (M)
Change at Planar-Thermo: 3.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.95	9.00	9.01	16.75	7.74
1.00	9.01	10.00	9.01	17.00	7.25
2.00	9.02	11.00	9.01	17.50	6.92
3.00	9.01	12.00	9.01	18.00	6.76
4.00	9.01	13.00	8.99	19.00	6.53
5.00	9.01	14.00	8.97	20.00	6.39
6.00	9.01	15.00	8.88	22.00	6.15
7.00	9.01	16.00	8.74	24.00	6.10
8.00	9.01	16.50	8.62	25.00	6.08

Lake # 224 9 MAY 77 (Day 129) Time: 09 40 CDT
Air Temperature: 8.5 (C)
Cloud Cover: 2 /10
Secchi Visibility: 7.75 (M)
Inflow Temperature:
Surface Temperature: 9.3 (C)
Epilimnion Temperature: 9.3 (C)
Planar-Thermocline : 4.75 (M)

Wind: 16 - 24 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.75 (M)
Change at Planar-Thermo: 1.220 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.30	8.00	5.93	16.00	4.33
0.50	9.30	8.50	5.74	16.50	4.30
1.00	9.30	9.00	5.59	17.00	4.25
1.50	9.30	9.50	5.45	17.50	4.23
2.00	9.30	10.00	5.35	18.00	4.22
2.50	9.27	10.50	5.15	18.50	4.18
3.00	9.26	11.00	5.05	19.00	4.18
3.50	9.24	11.50	4.70	20.00	4.14
4.00	9.20	12.00	4.61	21.00	4.10
4.50	8.90	12.50	4.56	22.00	4.10
5.00	8.29	13.00	4.52	23.00	4.10
5.50	7.79	13.50	4.45	24.00	4.10
6.00	7.34	14.00	4.42	25.00	4.08
6.50	6.99	14.50	4.39	26.00	4.08
7.00	6.54	15.00	4.35	26.50	4.08
7.50	6.13	15.50	4.35		

Lake # 224 2 MAY 77 (Day 122) Time: 12 00 CDT
Air Temperature: 17 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 6.87 (C)
Epilimnion Temperature: 6.77 (C)
Planar-Thermocline : 11.25 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 27 (M)
Change at Planar-Thermo: 0.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.87	7.50	5.72	15.00	4.31
0.50	6.87	8.00	5.72	15.50	4.23
1.00	6.77	8.50	5.71	16.00	4.23
1.50	6.56	9.00	5.50	17.00	4.14
2.00	6.32	9.50	5.34	18.00	4.12
2.50	6.24	10.00	5.30	19.00	4.11
3.00	6.19	10.50	5.17	20.00	4.06
3.50	6.15	11.00	5.04	21.00	4.04
4.00	6.13	11.50	4.69	22.00	4.03
4.50	6.01	12.00	4.57	23.00	4.02
5.00	5.95	12.50	4.56	24.00	4.02
5.50	5.88	13.00	4.48	25.00	4.01
6.00	5.85	13.50	4.42	26.00	4.01
6.50	5.76	14.00	4.40	27.00	4.01
7.00	5.72	14.50	4.33		

Lake # 224 16 MAY 77 (Day 136) Time: 11 30 CDT
Air Temperature: 23.62 (C)
Cloud Cover: 2 /10
Secchi Visibility: 7.5 (M)
Inflow Temperature:
Surface Temperature: 17.66 (C)
Epilimnion Temperature: 17.46 (C)
Planar-Thermocline : 2.25 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Therm: 6.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.66	7.00	7.39	14.00	4.86
0.50	17.53	7.50	7.04	14.50	4.65
1.00	17.46	8.00	6.82	15.00	4.61
1.50	17.26	8.50	6.63	16.00	4.54
2.00	16.77	9.00	6.32	17.00	4.42
2.50	13.61	9.50	6.12	18.00	4.35
3.00	13.07	10.00	5.95	19.00	4.31
3.50	11.46	10.50	5.78	20.00	4.28
4.00	10.77	11.00	5.64	21.00	4.23
4.50	9.68	11.50	5.54	22.00	4.23
5.00	9.51	12.00	5.36	23.00	4.21
5.50	9.11	12.50	5.15	24.00	4.21
6.00	8.77	13.00	5.05	25.00	4.21
6.50	7.69	13.50	5.01	26.00	4.21

Lake # 224 23 MAY 77 (Day 143) Time: 10 45 CDT
Air Temperature: 14.3 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6 (M)
Inflow Temperature: 10.48 (C)
Surface Temperature: 17.88 (C)
Epilimnion Temperature: 17.91 (C)
Planar-Thermocline : 3.125 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.625 (M)
Change at Planar-Therm: 6.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.88	5.50	10.33	12.00	5.54
0.50	17.94	6.00	9.58	12.50	5.38
1.00	17.91	6.50	8.75	13.00	5.31
1.50	17.91	7.00	8.33	13.50	5.20
2.00	17.91	7.50	7.64	14.00	5.00
2.50	17.91	8.00	7.30	14.50	4.96
2.75	17.46	8.50	7.11	15.00	4.95
3.00	16.17	9.00	6.60	16.00	4.64
3.25	14.63	9.50	6.32	17.00	4.52
3.50	14.08	10.00	6.16	19.00	4.47
3.75	13.51	10.50	5.95	21.00	4.40
4.00	13.12	11.00	5.78	23.00	4.31
4.50	11.95	11.50	5.61	25.00	4.28
5.00	11.41				

Lake # 224 30 MAY 77 (Day 150) Time: 11 35 CDT
Air Temperature: 21.3 (C)
Cloud Cover: 1 /10
Secchi Visibility: 8.2 (M)
Inflow Temperature: 16.07 (C)
Surface Temperature: 21.03 (C)
Epilimnion Temperature: 20.83 (C)
Planar-Thermocline : 3.125 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Therm: 7.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.03	5.00	12.68	11.00	6.18
0.50	20.87	5.25	12.34	11.50	6.03
1.00	20.83	5.50	11.97	12.00	5.90
1.50	20.82	5.75	10.89	12.50	5.81
2.00	20.82	6.00	10.63	13.00	5.67
2.50	20.66	6.50	9.65	13.50	5.46
3.00	20.42	7.00	8.96	14.00	5.44
3.25	18.43	7.50	8.52	15.00	5.28
3.50	16.97	8.00	8.26	16.00	5.15
3.75	15.46	8.50	7.62	17.00	4.98
4.00	14.60	9.00	7.68	19.00	4.54
4.25	13.91	9.50	6.86	21.00	4.50
4.50	13.30	10.00	6.67	23.00	4.40
4.75	12.83	10.50	6.32	25.00	4.37

Lake # 224 6 JUN 77 (Day 157) Time: 11 05 CDT
Air Temperature: 17.9 (C)
Cloud Cover: 3 /10
Secchi Visibility: 9.4 (M)
Inflow Temperature: 13.98 (C)
Surface Temperature: 19.18 (C)
Epilimnion Temperature: 19.18 (C)
Planar-Thermocline : 4.375 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Therm: 7.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.18	5.25	13.50	11.00	6.97
0.50	19.18	5.50	12.91	11.50	6.70
1.00	19.18	5.75	12.51	12.00	7.01
1.50	19.16	6.00	12.12	12.50	6.83
2.00	19.10	6.50	11.24	13.00	6.66
2.50	19.03	7.00	10.39	14.00	6.43
3.00	19.03	7.50	9.96	15.00	6.31
3.50	18.97	8.00	9.10	17.00	5.39
4.00	18.67	8.50	8.67	19.00	5.12
4.25	17.98	9.00	8.22	21.00	5.01
4.50	16.00	9.50	7.99	23.00	4.91
4.75	14.87	10.00	7.50	25.00	4.88
5.00	13.93	10.50	7.21		

Lake # 224 13 JUN 77 (Day 164) Time: 09 00 CDT
Air Temperature: 12.6 (C) Wind: 6 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 8.85 (M) Water Color: PALE -GREEN
Inflow Temperature: 11.78 (C) Outflow Temperature:
Surface Temperature: 17.63 (C)
Epilimnion Temperature: 17.75 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.63	6.00	13.46	11.50	6.80
1.00	17.75	6.25	12.78	12.00	6.79
1.50	17.76	6.50	12.00	12.50	6.51
2.00	17.77	7.00	11.22	13.00	6.27
2.50	17.79	7.50	10.37	14.00	5.96
3.00	17.79	8.00	9.65	15.00	5.66
3.50	17.81	8.50	9.00	16.00	5.54
4.00	17.81	9.00	8.64	18.00	5.37
4.50	17.81	9.50	8.11	20.00	4.99
5.00	17.36	10.00	7.87	23.00	4.85
5.25	15.63	10.50	7.55	25.00	4.80
5.50	14.60	11.00	7.22	26.00	4.80
5.75	14.20				

Lake # 224 27 JUN 77 (Day 178) Time: 10 45 CDT
Air Temperature: 20.9 (C) Wind: -
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 10 (M) Water Color: PALE -GREEN
Inflow Temperature: 20.06 (C) Outflow Temperature:
Surface Temperature: 21.41 (C)
Epilimnion Temperature: 21.15 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 5.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.41	6.50	14.02	11.50	7.79
1.00	21.15	6.75	13.45	12.00	7.66
2.00	20.86	7.00	13.14	13.00	7.27
3.00	20.38	7.50	12.37	14.00	6.85
3.50	19.80	8.00	11.55	15.00	6.54
4.00	19.26	8.50	10.44	16.00	6.04
4.50	18.80	9.00	9.30	18.00	5.67
5.00	18.37	9.50	8.80	20.00	5.45
5.50	17.85	10.00	8.53	22.00	5.31
5.75	17.36	10.50	8.33	25.00	5.02
6.00	16.50	11.00	8.05	27.00	5.02
6.25	15.49				

Lake # 224 20 JUN 77 (Day 171) Time: 10 30 CDT
Air Temperature: 19.5 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 9.8 (M) Water Color: PALE -GREEN
Inflow Temperature: 17.2 (C) Outflow Temperature:
Surface Temperature: 17.68 (C)
Epilimnion Temperature: 17.53 (C) Epilimnion Depth (1 C/M): 5.75 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.68	6.25	13.95	10.00	7.98
1.00	17.53	6.50	13.46	11.00	7.64
1.50	17.34	6.75	12.49	12.00	6.98
2.00	17.29	7.00	11.93	13.00	6.51
2.50	17.25	7.25	11.56	14.00	6.18
3.00	17.20	7.50	11.50	15.00	5.75
3.50	17.18	7.75	10.65	17.00	5.47
4.00	17.15	8.00	10.00	19.00	5.24
4.50	17.12	8.50	9.25	21.00	4.99
5.00	17.09	9.00	8.77	23.00	4.89
5.50	16.80	9.50	8.33	25.00	4.81
6.00	15.25				

Lake # 224 4 JUL 77 (Day 185) Time: 08 00 CDT
Air Temperature: 23.2 (C) Wind: -
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 9.2 (M) Water Color: PALE -GREEN
Inflow Temperature: 20.94 (C) Outflow Temperature:
Surface Temperature: 20.96 (C)
Epilimnion Temperature: 20.85 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.96	6.50	15.66	14.00	8.26
1.00	20.85	6.75	14.44	15.00	7.93
2.00	20.73	7.00	13.77	16.00	7.65
3.00	20.49	7.25	13.08	17.00	7.12
3.50	20.38	7.50	12.49	18.00	6.55
4.00	19.95	7.75	11.90	19.00	6.32
4.50	19.83	8.00	11.44	20.00	5.99
5.00	19.66	9.00	11.24	21.00	5.67
5.50	19.09	10.00	10.33	22.00	5.37
5.75	18.08	11.00	9.60	23.00	4.99
6.00	17.71	12.00	9.14	26.00	4.97
6.25	16.40	13.00	8.69	27.00	4.93

Lake # 224 11 JUL 77 (Day 192) Time: 10 45 CDT
Air Temperature: 17.93 (C) Wind: 8 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 9 (M) Water Color: PALE -GREEN
Inflow Temperature: 19.3 (C) Outflow Temperature:
Surface Temperature: 20.71 (C)
Epilimnion Temperature: 20.71 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 5.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.71	6.75	15.70	11.00	8.57
1.00	20.71	7.00	14.51	12.00	8.08
2.00	20.72	7.25	13.86	13.00	7.32
3.00	20.74	7.50	13.53	14.00	6.73
4.00	20.75	8.00	12.49	15.00	6.50
5.00	20.70	8.50	12.34	17.00	6.03
5.50	19.66	9.00	11.81	19.00	5.75
5.75	18.82	9.50	10.34	21.00	5.44
6.00	18.27	10.00	9.66	23.00	5.33
6.25	17.60	10.50	9.13	26.00	5.25
6.50	17.07				

Lake # 224 25 JUL 77 (Day 206) Time: 10 40 CDT
Air Temperature: 17.45 (C) Wind: 10 - 11 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 7.8 (M) Water Color: PALE -GREEN
Inflow Temperature: 20.75 (C) Outflow Temperature:
Surface Temperature: 22.32 (C)
Epilimnion Temperature: 22.41 (C) Epilimnion Depth (1 C/M): 5.5 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.32	7.00	16.23	10.50	9.69
1.00	22.41	7.25	15.42	11.00	9.12
2.00	22.41	7.50	14.35	12.00	8.06
3.00	22.41	7.75	13.81	13.00	7.47
4.00	22.36	8.00	13.32	14.00	6.80
5.00	22.24	8.25	13.08	15.00	6.36
6.00	21.13	8.50	12.42	17.00	6.00
6.25	20.09	9.00	11.87	20.00	5.56
6.50	17.94	9.50	10.91	23.00	5.35
6.75	17.01	10.00	10.07	27.00	5.25

Lake # 224 18 JUL 77 (Day 199) Time: 10 05 CDT
Air Temperature: 20 (C) Wind: 10 - 11 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 7.5 (M) Water Color: PALE -GREEN
Inflow Temperature: 223 (C) Outflow Temperature:
Surface Temperature: 22 (C)
Epilimnion Temperature: 22.04 (C) Epilimnion Depth (1 C/M): 5.75 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	6.75	16.92	14.00	8.40
1.00	22.04	7.00	15.90	15.00	8.12
2.00	21.99	7.25	14.67	16.00	7.74
3.00	21.91	7.50	14.25	17.00	7.08
4.00	21.82	7.75	13.47	18.00	6.71
4.50	21.48	8.00	12.20	19.00	6.51
5.00	21.38	9.00	11.70	20.00	6.04
5.50	21.34	10.00	10.94	21.00	5.67
6.00	20.67	11.00	9.85	22.00	5.40
6.25	19.33	12.00	9.31	26.00	5.37
6.50	18.03	13.00	8.64	27.00	5.37

Lake # 224 1 AUG 77 (Day 213) Time: 10 00 CDT
Air Temperature: 15.4 (C) Wind: 2 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 8.6 (M) Water Color: PALE -GREEN
Inflow Temperature: 16.9 (C) Outflow Temperature:
Surface Temperature: 19.98 (C)
Epilimnion Temperature: 20.03 (C) Epilimnion Depth (1 C/M): 6.75 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.98	8.00	13.80	12.50	7.52
1.00	20.03	8.25	13.37	13.00	7.21
2.00	20.04	8.50	13.19	13.50	6.90
3.00	20.06	8.75	12.79	14.00	6.80
4.00	20.06	9.00	11.88	15.00	6.56
5.00	20.04	9.25	11.63	16.00	5.77
6.00	20.00	9.50	11.27	17.00	5.62
6.50	19.68	10.00	10.67	19.00	5.25
7.00	17.94	10.50	9.36	21.00	5.09
7.25	16.72	11.00	8.90	24.00	4.92
7.50	15.70	11.50	8.44	27.00	4.87
7.75	14.20	12.00	7.93		

Lake # 224 8 AUG 77 (Day 220) Time: 10 10 CDT
Air Temperature: 18.5 (C) Wind: 5 - 6 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 8.25 (M) Water Color: PALE -GREEN
Inflow Temperature: 18.3 (C) Outflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 20.02 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: 5.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	8.25	14.50	12.50	8.23
1.00	20.02	8.50	14.00	13.00	7.89
2.00	19.98	8.75	13.39	13.50	7.46
3.00	19.95	9.00	12.79	14.00	7.36
4.00	19.93	9.25	12.69	15.00	6.70
5.00	19.93	9.50	12.49	16.00	6.47
6.00	19.88	10.00	11.78	17.00	6.26
7.00	19.27	10.50	11.02	19.00	5.89
7.25	18.60	11.00	10.12	21.00	5.66
7.50	17.33	11.50	9.33	24.00	5.48
7.75	16.92	12.00	8.95	27.00	5.48
8.00	15.79				

Lake # 224 22 AUG 77 (Day 234) Time: 11 20 CDT
Air Temperature: 20.9 (C) Wind: 11 - 13 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 8.7 (M) Water Color: PALE -GREEN
Inflow Temperature: 12 (C) Outflow Temperature:
Surface Temperature: 17.7 (C)
Epilimnion Temperature: 17.72 (C) Epilimnion Depth (1 C/M): 8.625 (M)
Planar-Thermocline : 9.125 (M) Change at Planar-Thermo: 6.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.70	8.75	16.83	12.50	8.64
1.00	17.72	9.00	15.49	13.00	8.22
2.00	17.74	9.25	13.96	14.00	7.65
3.00	17.74	9.50	13.12	15.00	7.17
4.00	17.74	9.75	12.49	16.00	6.70
5.00	17.74	10.00	12.39	18.00	6.23
6.00	17.74	10.50	11.51	20.00	5.94
7.00	17.74	11.00	10.68	23.00	5.71
8.00	17.65	11.50	9.51	26.00	5.66
8.50	17.28	12.00	9.02	27.00	5.75

Lake # 224 15 AUG 77 (Day 227) Time: 10 00 CDT
Air Temperature: 15.7 (C) Wind: 5 - 6 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 9 (M) Water Color: PALE -GREEN
Inflow Temperature: 14.3 (C) Outflow Temperature:
Surface Temperature: 17.86 (C)
Epilimnion Temperature: 17.94 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 8.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.86	8.75	14.35	12.50	8.40
1.00	17.94	9.00	13.61	13.00	7.99
2.00	17.94	9.25	12.98	14.00	7.58
3.00	17.94	9.50	12.37	15.00	6.98
4.00	17.96	9.75	11.92	16.00	6.60
5.00	17.96	10.00	11.66	17.00	6.28
6.00	17.96	10.50	11.02	19.00	5.98
7.00	17.96	11.00	10.29	21.00	5.71
8.00	17.77	11.50	9.16	24.00	5.56
8.25	17.31	12.00	8.78	27.00	5.54
8.50	16.59				

Lake # 224 29 AUG 77 (Day 241) Time: 10 50 CDT
Air Temperature: 18.3 (C) Wind: 2 - 3 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 8.4 (M) Water Color: PALE -GREEN
Inflow Temperature: 12.5 (C) Outflow Temperature:
Surface Temperature: 17.24 (C)
Epilimnion Temperature: 17.26 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 9.375 (M) Change at Planar-Thermo: 5.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.24	8.75	16.78	12.00	8.87
1.00	17.26	9.00	16.49	12.50	8.50
2.00	17.26	9.25	15.21	13.00	8.01
3.00	17.26	9.50	13.85	14.00	7.36
4.00	17.25	9.75	13.27	15.00	6.89
5.00	17.26	10.00	12.83	16.00	6.60
6.00	17.24	10.25	12.27	18.00	6.20
7.00	17.24	10.50	11.81	20.00	5.92
8.00	17.17	10.75	11.28	23.00	5.64
8.25	16.90	11.00	10.78	26.50	5.57
8.50	16.90	11.50	10.11		

Lake # 224 19 SEP 77 (Day 262) Time: 10 30 CDT
Air Temperature: 12 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.25 (M) Water Color: BLUE -GREEN
Inflow Temperature: 13.5 (C) Outflow Temperature:
Surface Temperature: 15.35 (C)
Epilimnion Temperature: 15.38 (C) Epilimnion Depth (1 C/M): 10.125 (M)
Planar-Thermocline : 10.875 (M) Change at Planar-Thermo: 4.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.35	10.50	14.10	16.00	6.76
1.00	15.38	10.75	13.35	17.00	6.60
2.00	15.38	11.00	12.29	18.00	6.37
3.00	15.39	11.25	11.74	19.00	6.17
4.00	15.40	11.50	10.95	20.00	6.04
5.00	15.41	11.75	10.38	21.00	5.93
6.00	15.42	12.00	9.94	22.00	5.85
7.00	15.43	12.25	9.66	23.00	5.77
8.00	15.43	12.50	9.27	24.00	5.76
9.00	15.44	13.00	8.96	25.00	5.75
10.00	15.25	14.00	8.00	26.00	5.74
10.25	14.52	15.00	7.30	27.00	5.74

Lake # 224 3 OCT 77 (Day 276) Time: 09 15 CDT
Air Temperature: 12.3 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 6.8 (M) Water Color: BLUE -GREEN
Inflow Temperature: 6.23 (C) Outflow Temperature:
Surface Temperature: 12.63 (C)
Epilimnion Temperature: 12.68 (C) Epilimnion Depth (1 C/M): 12.125 (M)
Planar-Thermocline : 12.125 (M) Change at Planar-Thermo: 7.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.63	10.50	12.50	13.50	8.00
1.00	12.68	10.75	12.50	13.75	7.68
2.00	12.68	11.00	12.46	14.00	7.54
3.00	12.68	11.25	12.41	15.00	7.06
4.00	12.68	11.50	12.38	16.00	6.59
5.00	12.68	11.75	12.28	17.00	6.22
6.00	12.68	12.00	12.19	18.00	5.99
7.00	12.68	12.25	10.23	20.00	5.73
8.00	12.68	12.50	9.74	22.00	5.52
9.00	12.67	12.75	9.34	24.00	5.43
10.00	12.58	13.00	8.69	25.30	5.41
10.25	12.51	13.25	8.28		

Lake # 224 26 SEP 77 (Day 269) Time: 09 30 CDT
Air Temperature: 13.29 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7.25 (M) Water Color: BLUE -GREEN
Inflow Temperature: 11.35 (C) Outflow Temperature:
Surface Temperature: 14.25 (C)
Epilimnion Temperature: 14.31 (C) Epilimnion Depth (1 C/M): 11.375 (M)
Planar-Thermocline : 12.125 (M) Change at Planar-Thermo: 5.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.25	11.25	14.06	15.00	7.61
1.00	14.31	11.50	13.03	16.00	7.08
2.00	14.30	11.75	12.31	17.00	6.73
3.00	14.31	12.00	11.25	18.00	6.45
4.00	14.31	12.25	9.93	19.00	6.28
5.00	14.31	12.50	9.78	20.00	6.14
6.00	14.31	12.75	9.49	21.00	6.03
7.00	14.31	13.00	9.28	22.00	5.92
8.00	14.31	13.25	9.05	23.00	5.89
9.00	14.31	13.50	8.57	24.00	5.87
10.00	14.31	13.75	8.34	25.30	5.87
11.00	14.18	14.00	8.14		

Lake # 224 10 OCT 77 (Day 283) Time: 09 50 CDT
Air Temperature: 5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7.2 (M) Water Color: BLUE -GREEN
Inflow Temperature: 5.44 (C) Outflow Temperature:
Surface Temperature: 10.5 (C)
Epilimnion Temperature: 10.51 (C) Epilimnion Depth (1 C/M): 13.375 (M)
Planar-Thermocline : 13.625 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.50	11.00	10.51	14.50	7.29
1.00	10.51	12.00	10.47	14.75	7.14
2.00	10.51	12.25	10.43	15.00	7.05
3.00	10.51	12.50	10.42	16.00	6.53
4.00	10.51	12.75	10.39	17.00	6.21
5.00	10.51	13.00	10.25	18.00	5.98
6.00	10.51	13.25	10.19	20.00	5.67
7.00	10.51	13.50	9.68	22.00	5.47
8.00	10.51	13.75	8.78	24.00	5.41
9.00	10.51	14.00	8.27	25.30	5.39
10.00	10.51	14.25	7.54		

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Lake # 224 17 OCT 77 (Day 290) Time: 08 25 CDT
Air Temperature: 5 (C) Wind: 0 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.8 (M) Water Color: BLUE -GREEN
Inflow Temperature: 6.7 (C) Outflow Temperature:
Surface Temperature: 9.19 (C)
Epilimnion Temperature: 9.19 (C) Epilimnion Depth (1 C/M): 15.125 (M)
Planar-Thermocline : 15.375 (M) Change at Planar-Thermo: 2.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.19	11.00	9.19	17.00	6.28
1.00	9.19	12.00	9.19	18.00	6.06
2.00	9.19	13.00	9.11	19.00	5.90
3.00	9.19	14.00	9.03	20.00	5.80
4.00	9.19	15.00	8.75	21.00	5.56
5.00	9.19	15.25	8.39	22.00	5.44
6.00	9.19	15.50	7.82	23.00	5.42
7.00	9.19	15.75	7.40	24.00	5.42
8.00	9.19	16.00	7.14	25.00	5.42
9.00	9.19	16.50	6.40	25.25	5.42
10.00	9.19				

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Lake # 224 24 OCT 77 (Day 297) Time: 09 25 CDT
Air Temperature: 7.8 (C) Wind: 0 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 6.2 (M) Water Color: BLUE -GREEN
Inflow Temperature: 4.45 (C) Outflow Temperature:
Surface Temperature: 8.44 (C)
Epilimnion Temperature: 8.44 (C) Epilimnion Depth (1 C/M): 16.875 (M)
Planar-Thermocline : 16.875 (M) Change at Planar-Thermo: 3.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.44	15.00	8.33	17.50	6.22
2.00	8.45	16.00	8.02	17.75	6.13
4.00	8.48	16.25	7.89	18.00	6.12
6.00	8.49	16.50	7.67	20.00	5.74
8.00	8.50	16.75	7.47	22.00	5.55
10.00	8.49	17.00	6.51	24.00	5.45
12.00	8.49	17.25	6.30	26.00	5.44
14.00	8.46				

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Lake # 224 15 MAY 78 (Day 135) Time: 09 00 CDT
Air Temperature: 13.3 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 9 (M) Water Color: PALE -GREEN
Inflow Temperature: 13 (C) Outflow Temperature:
Surface Temperature: 9.11 (C)
Epilimnion Temperature: 8.95 (C) Epilimnion Depth (1 C/M): 5.75 (M)
Planar-Thermocline : 5.75 (M) Change at Planar-Thermo: 1.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.11	6.00	6.97	12.00	5.06
1.00	8.95	6.50	6.73	14.00	4.81
2.00	8.67	7.00	6.68	16.00	4.61
3.00	8.62	8.00	6.34	18.00	4.51
4.00	8.35	9.00	6.10	21.00	4.42
5.00	7.65	10.00	5.31	24.00	4.40
5.50	7.49	11.00	5.16	27.00	4.40

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Lake # 224 12 JUN 78 (Day 163) Time: 08 30 CDT
Air Temperature: 16.2 (C) Wind: 0 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 7.6 (M) Water Color: PALE -GREEN
Inflow Temperature: 14.8 (C) Outflow Temperature:
Surface Temperature: 14.42 (C)
Epilimnion Temperature: 14.4 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 7.160 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.42	6.50	9.47	12.00	5.19
1.00	14.40	7.00	9.06	13.00	5.43
2.00	14.38	7.50	8.52	14.00	5.21
3.00	14.36	8.00	7.81	15.00	5.03
4.00	14.36	8.50	7.37	16.00	4.93
5.00	14.03	9.00	6.88	18.00	4.79
5.50	13.18	9.50	6.67	21.00	4.58
5.75	11.39	10.00	6.57	26.00	4.53
6.00	10.09	11.00	6.16	26.50	4.53
6.25	9.86				

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Lake # 224 10 JUL 78 (Day 191) Time: 08 00 CDT
Air Temperature: 16.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 8.8 (M) Water Color: PALE -GREEN
Inflow Temperature: 15.8 (C) Outflow Temperature:
Surface Temperature: 20.58 (C)
Epilimnion Temperature: 20.69 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.58	6.25	14.46	9.50	7.74
1.00	20.69	6.50	14.02	10.00	7.54
2.00	20.71	6.75	12.97	11.00	6.91
3.00	20.71	7.00	12.08	12.00	6.57
4.00	20.71	7.25	11.55	14.00	5.62
4.50	20.58	7.50	10.71	16.00	4.98
5.00	18.68	7.75	9.91	18.00	4.70
5.25	17.78	8.00	9.49	20.00	4.49
5.50	17.25	8.50	8.86	23.00	4.38
5.75	16.20	9.00	8.55	27.00	4.38
6.00	15.62				

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Lake # 224 7 AUG 78 (Day 219) Time: 08 30 CDT
Air Temperature: 19.8 (C) Wind: 0 - 8 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 8.5 (M) Water Color: PALE -GREEN
Inflow Temperature: 18.4 (C) Outflow Temperature:
Surface Temperature: 19.37 (C)
Epilimnion Temperature: 19.35 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 9.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.37	7.75	12.64	11.00	7.73
1.00	19.35	8.00	11.71	12.00	7.08
2.00	19.29	8.25	11.23	13.00	6.55
3.00	19.22	8.50	10.85	14.00	5.98
4.00	19.18	8.75	10.40	16.00	5.39
5.00	19.05	9.00	10.13	18.00	5.03
6.00	18.79	9.25	9.19	21.00	4.42
7.00	17.84	9.50	8.99	24.00	4.36
7.25	16.43	10.00	8.60	25.00	4.36
7.50	15.09	10.50	8.17		

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Lake # 224 4 SEP 78 (Day 247) Time: 08 30 CDT
Air Temperature: 20.9 (C) Wind: 8 - 16 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 7.5 (M) Water Color: PALE -GREEN
Inflow Temperature: 17.5 (C) Outflow Temperature:
Surface Temperature: 19.17 (C)
Epilimnion Temperature: 19.11 (C) Epilimnion Depth (1 C/M): 7.75 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 8.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.17	8.00	17.17	10.50	9.07
1.00	19.11	8.25	16.19	11.00	8.66
2.00	19.01	8.50	13.97	12.00	8.03
3.00	18.79	8.75	12.49	14.00	6.63
4.00	18.64	9.00	11.60	15.00	6.20
5.00	18.52	9.25	11.24	18.00	5.57
6.00	18.42	9.50	10.84	21.00	4.91
7.00	18.26	9.75	10.43	24.00	4.80
7.50	17.78	10.00	9.69	27.00	4.78

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Lake # 224 2 OCT 78 (Day 275) Time: 09 30 CDT
Air Temperature: 14 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 7.6 (M) Water Color: BLUE -GREEN
Inflow Temperature: 11.5 (C) Outflow Temperature:
Surface Temperature: 13.01 (C)
Epilimnion Temperature: 13 (C) Epilimnion Depth (1 C/M): 10.625 (M)
Planar-Thermocline : 11.375 (M) Change at Planar-Thermo: 4.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.01	10.50	12.51	13.25	7.18
1.00	13.00	10.75	12.10	14.00	6.83
2.00	13.00	11.00	11.17	15.00	6.35
3.00	13.00	11.25	10.45	16.00	6.02
4.00	13.00	11.50	9.40	17.00	5.84
5.00	13.00	11.75	8.89	18.00	5.63
6.00	13.00	12.00	8.46	19.00	5.45
7.00	13.00	12.25	8.02	21.00	5.22
8.00	12.99	12.50	7.78	23.00	5.12
9.00	12.97	12.75	7.50	25.00	4.97
10.00	12.83	13.00	7.28	25.75	4.96
10.25	12.73				

Lake # 224 5 MAY 81 (Day 125) Time: 14 00 CDT
Air Temperature: -1 (C) Wind: 0 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.5 (C)
Epilimnion Temperature: 9.47 (C) Epilimnion Depth (1 C/M): 5.75 (M)
Planar-Thermocline : 6.75 (M) Change at Planar-Thermo: 1.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.50	8.00	5.89	17.00	4.82
1.00	9.47	9.00	5.54	18.00	4.81
2.00	8.90	10.00	5.42	19.00	4.70
3.00	8.82	11.00	5.31	20.00	4.69
4.00	8.73	12.00	5.20	21.00	4.69
5.00	8.37	13.00	5.08	22.00	4.63
5.50	7.93	14.00	4.92	23.00	4.63
6.00	7.37	15.00	4.91	24.00	4.63
6.50	7.10	16.00	4.87	25.00	4.62
7.00	6.22				

Lake # 224 1 JUN 81 (Day 152) Time: 15 30 CDT
Air Temperature: 14.7 (C) Wind: 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.79 (C)
Epilimnion Temperature: 14.78 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 4.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.79	7.25	9.65	16.00	5.11
1.00	14.78	7.50	9.52	17.00	5.05
2.00	14.77	7.75	9.28	18.00	4.94
3.00	14.76	8.00	8.72	19.00	4.81
4.00	14.75	9.00	7.91	20.00	4.74
5.00	14.46	9.50	7.01	21.00	4.70
5.50	13.[illegible]	10.00	6.71	22.00	4.66
6.00	12.95	11.00	6.31	23.00	4.65
6.25	12.39	12.00	5.97	24.00	4.64
6.50	12.11	13.00	5.76	25.00	4.68
6.75	11.46	14.00	5.31	26.00	4.67
7.00	10.82	15.00	5.20		

Lake # 224 18 MAY 81 (Day 138) Time: 10 50 CDT
Air Temperature: 12.9 (C) Wind: 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 7 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.06 (C)
Epilimnion Temperature: 11.97 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 3.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.06	7.25	8.41	15.00	5.04
1.00	11.97	7.50	8.03	16.00	5.00
2.00	11.88	7.75	7.67	17.00	4.96
3.00	11.79	8.00	7.51	18.00	4.87
4.00	11.73	8.50	6.77	19.00	4.82
5.00	11.49	9.00	6.43	20.00	4.77
6.00	10.66	10.00	6.11	21.00	4.76
6.25	10.41	11.00	5.63	22.00	4.74
6.50	10.30	12.00	5.43	23.00	4.72
6.75	9.77	13.00	5.27	24.00	4.72
7.00	9.38	14.00	5.13	25.00	4.72

Lake # 224 27 JUL 81 (Day 208) Time: 13 33 CDT
Air Temperature: 23 (C) Wind: 5 - 10 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 6.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.5 (C)
Epilimnion Temperature: 21.4 (C) Epilimnion Depth (1 C/M): 6.25 (M)
Planar-Thermocline : 8.875 (M) Change at Planar-Thermo: 4.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.50	8.75	14.39	13.00	7.72
1.00	21.40	9.00	13.32	14.00	6.92
2.00	21.39	9.25	12.30	15.00	6.40
3.00	21.35	9.50	11.56	16.00	6.17
4.00	21.32	9.75	11.32	17.00	5.94
5.00	21.30	10.00	10.92	18.00	5.75
6.00	21.24	10.25	10.37	19.00	5.52
6.50	20.07	10.50	10.07	20.00	5.47
7.00	19.06	10.75	9.60	21.00	5.37
7.25	18.22	11.00	9.36	22.00	5.29
7.50	17.47	11.25	8.68	23.00	5.24
7.75	16.95	11.30	8.55	24.00	5.19
8.00	16.08	11.75	8.25	25.00	5.17
8.25	15.46	12.00	8.03	26.00	5.18
8.50	14.63				

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Lake # 224 10 AUG 81 (Day 222) Time: 15 00 CDT
Air Temperature: 21 (C) Wind: 5 - 10 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 8.4 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.52 (C)
Epilimnion Temperature: 22.52 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 7.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.52	8.25	17.34	12.00	9.57
1.00	22.52	8.50	16.26	13.00	8.07
2.00	22.49	8.75	15.72	14.00	7.33
3.00	22.07	9.00	14.36	15.00	6.70
4.00	21.99	9.25	14.21	16.00	6.31
5.00	21.95	9.50	13.43	17.00	6.16
6.00	21.87	9.75	13.17	18.00	5.85
7.00	21.81	10.00	12.52	19.00	5.73
7.25	19.87	10.25	11.64	20.00	5.59
7.50	19.50	10.50	11.08	21.00	5.49
7.75	19.23	10.75	10.31	22.00	5.38
8.00	18.60	11.00	10.08	23.00	5.31

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Lake # 224 24 AUG 81 (Day 236) Time: 08 40 CDT
Air Temperature: 17.3 (C) Wind: 10 - 15 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 6.8 (M) Water Color: TURBID-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.77 (C)
Epilimnion Temperature: 21.79 (C) Epilimnion Depth (1 C/M): 7.75 (M)
Planar-Thermocline : 9.125 (M) Change at Planar-Thermo: 5.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.77	9.25	15.29	14.00	7.45
1.00	21.79	9.50	14.42	15.00	6.97
2.00	21.84	9.75	13.66	16.00	6.54
3.00	21.84	10.00	13.31	17.00	6.30
4.00	21.69	10.25	12.55	18.00	6.05
5.00	21.63	10.50	11.96	19.00	5.83
6.00	21.59	10.75	11.49	20.00	5.71
7.00	21.58	11.00	11.28	21.00	5.61
7.50	21.20	11.25	10.91	22.00	5.55
8.00	20.45	11.50	10.61	23.00	5.48
8.25	19.00	11.75	10.12	24.00	5.45
8.50	18.60	12.00	9.53	25.00	5.42
8.75	17.46	13.00	8.25	26.00	5.42
9.00	16.76				

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Lake # 224 7 SEP 81 (Day 250) Time: 16 00 CDT
Air Temperature: 17 (C) Wind: 5 - 10 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 7.8 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.25 (C)
Epilimnion Temperature: 19.25 (C) Epilimnion Depth (1 C/M): 9.125 (M)
Planar-Thermocline : 9.375 (M) Change at Planar-Thermo: 9.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.25	9.75	15.42	13.00	9.56
1.00	19.25	10.00	14.11	14.00	8.02
2.00	19.20	10.25	13.62	15.00	7.27
3.00	19.20	10.50	13.19	16.00	6.78
4.00	19.18	10.75	12.55	17.00	6.40
5.00	19.12	11.00	11.78	18.00	6.12
6.00	19.71	11.25	11.29	19.00	5.91
7.00	19.67	11.75	10.69	20.00	5.86
8.00	19.64	11.80	11.08	21.00	5.71
9.00	19.61	12.00	10.00	22.00	5.61
9.25	18.90	12.50	9.72	23.00	5.61
9.50	16.54				

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Lake # 224 21 SEP 81 (Day 264) Time: 16 00 CDT
Air Temperature: 15 (C) Wind: 5 - 10 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 7.2 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.52 (C)
Epilimnion Temperature: 16.52 (C) Epilimnion Depth (1 C/M): 10.25 (M)
Planar-Thermocline : 10.75 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.52	10.00	16.25	15.00	7.37
1.00	16.52	10.50	15.69	16.00	7.01
2.00	16.52	11.00	13.49	17.00	6.54
3.00	16.52	11.50	11.77	18.00	6.25
4.00	16.52	12.00	10.98	19.00	6.04
5.00	16.52	12.50	9.95	20.00	5.88
6.00	16.52	13.00	9.22	21.00	5.77
7.00	16.39	13.50	8.54	22.00	5.76
8.00	16.39	14.00	8.09	23.00	5.52
9.00	16.39	14.50	7.70	24.00	5.52

Lake # 224 5 OCT 81 (Day 278) Time: 15 30 CDT
Air Temperature: -18.333 (C)
Cloud Cover: 10 /10
Secchi Visibility: 7.4 (M)
Inflow Temperature:
Surface Temperature: 11.65 (C)
Epilimnion Temperature: 11.65 (C)
Planar-Thermocline : 13.625 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: PALE
Outflow Temperature:

Epilimnion Depth (1 C/M): 13.625 (M)
Change at Planar-Thermo: 4.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.65	10.00	11.65	16.00	7.01
1.00	11.65	11.00	11.65	17.00	6.60
2.00	11.65	12.00	11.65	18.00	6.34
3.00	11.65	13.00	11.59	19.00	6.09
4.00	11.65	13.25	11.46	20.00	5.88
5.00	11.65	13.50	11.26	21.00	5.73
6.00	11.65	13.75	10.17	22.00	5.54
7.00	11.65	14.00	9.11	23.00	5.51
8.00	11.65	14.50	7.82	24.00	5.48
9.00	11.65	15.00	7.55	25.00	5.48

Lake # 224 4 MAY 82 (Day 124) Time:
Air Temperature: -1 (C)
Cloud Cover:
Secchi Visibility: 7 (M)
Inflow Temperature:
Surface Temperature: 7.72 (C)
Epilimnion Temperature: 7.7 (C)
Planar-Thermocline : 4.25 (M)

Wind: -
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 26 (M)
Change at Planar-Thermo: 0.780 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.72	9.00	4.90	18.00	4.47
1.00	7.70	10.00	4.80	19.00	4.45
2.00	7.66	11.00	4.75	20.00	4.42
3.00	7.54	12.00	4.67	21.00	4.41
4.00	6.79	13.00	4.64	22.00	4.38
4.50	6.40	14.00	4.60	23.00	4.37
5.00	6.31	15.00	4.56	24.00	4.36
6.00	6.01	16.00	4.50	25.00	4.36
7.00	5.49	17.00	4.49	26.00	4.36
8.00	5.23				

Lake # 224 19 OCT 81 (Day 292) Time: 09 24 CDT
Air Temperature: 7 (C)
Cloud Cover: 5 /10
Secchi Visibility: 7.2 (M)
Inflow Temperature:
Surface Temperature: 9.54 (C)
Epilimnion Temperature: 9.54 (C)
Planar-Thermocline : 16.75 (M)

Wind: 10 - 15 KMPH
Weather Description:
Water Color: PALE
Outflow Temperature:

Epilimnion Depth (1 C/M): 16.75 (M)
Change at Planar-Thermo: 2.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.54	9.00	9.56	17.00	7.01
1.00	9.54	10.00	9.56	18.00	6.35
2.00	9.54	11.00	9.56	19.00	6.24
3.00	9.55	12.00	9.56	20.00	5.91
4.00	9.56	13.00	9.56	21.00	5.75
5.00	9.56	14.00	9.56	22.00	5.66
6.00	9.56	15.00	9.29	23.00	5.52
7.00	9.56	16.00	8.65	24.00	5.52
8.00	9.56	16.50	8.36		

Lake # 224 10 MAY 82 (Day 130) Time:
Air Temperature: 15 (C)
Cloud Cover: 9 /10
Secchi Visibility: 7 (M)
Inflow Temperature:
Surface Temperature: 7.84 (C)
Epilimnion Temperature: 7.8 (C)
Planar-Thermocline : 5.625 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: PALE
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.625 (M
Change at Planar-Thermo: 1.440 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.84	7.00	5.65	17.00	3.81
1.00	7.80	8.00	5.09	18.00	3.79
2.00	7.43	9.00	4.60	19.00	3.79
3.00	7.41	10.00	4.39	20.00	3.74
4.00	7.34	11.00	4.11	21.00	3.72
5.00	7.19	12.00	4.07	22.00	3.71
5.25	7.06	13.00	4.02	23.00	3.70
5.50	6.84	14.00	3.97	24.00	3.70
5.75	6.48	15.00	3.91	25.00	3.69
6.00	6.12	16.00	3.87	26.00	3.69

Lake # 224 24 MAY 82 (Day 144) Time: 09 01 CDT
Air Temperature: 19 (C)
Cloud Cover: 2 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 14.08 (C)
Epilimnion Temperature: 14.01 (C)
Planar-Thermocline : 1.625 (M)
Wind: 10 - 15 KMPH
Weather Description:
Water Color: PALE
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.625 (M
Change at Planar-Thermo: 3.240 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.08	5.75	9.16	13.00	4.32
1.00	14.01	6.00	8.97	14.00	4.18
1.25	13.91	6.25	8.53	15.00	4.08
1.50	13.75	6.50	8.25	16.00	3.99
1.75	12.94	6.75	7.83	17.00	3.91
2.00	12.81	7.00	7.54	18.00	3.88
2.25	12.60	7.25	6.92	19.00	3.87
2.50	12.45	7.50	6.52	20.00	3.81
2.75	11.89	7.75	6.14	21.00	3.80
3.00	11.42	8.00	5.90	22.00	3.80
4.00	10.80	9.00	5.31	23.00	3.80
5.00	10.17	10.00	4.92	24.00	3.80
5.25	10.02	11.00	4.67	25.00	3.80
5.50	9.60	12.00	4.51		

Lake # 224 21 JUN 82 (Day 172) Time: 10 54 CDT
Air Temperature: 14 (C)
Cloud Cover: 6 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 16.38 (C)
Epilimnion Temperature: 16.35 (C)
Planar-Thermocline : 4.875 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: PALE
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: 4.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.38	7.00	11.35	16.00	5.26
1.00	16.35	7.25	10.54	17.00	5.15
3.00	16.25	7.50	10.24	18.00	5.04
4.00	16.23	7.75	9.86	19.00	4.90
5.00	16.08	8.00	9.57	20.00	4.83
5.25	15.92	9.00	8.57	21.00	4.80
5.50	15.73	10.00	7.50	22.00	4.76
5.75	15.47	11.00	6.76	23.00	4.74
6.00	14.98	12.00	6.08	24.00	4.70
6.25	14.36	13.00	5.79	25.00	4.70
6.50	13.64	14.00	5.56	26.00	4.70
6.75	12.52	15.00	5.41		

Lake # 224 7 JUN 82 (Day 158) Time: 14 40 CDT
Air Temperature: 9.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 16.15 (C)
Epilimnion Temperature: 16.15 (C)
Planar-Thermocline : 5.125 (M)
Wind: 20 - 30 KMPH
Weather Description:
Water Color: GREEN -BLUE
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.15	6.75	9.96	15.00	5.35
1.00	16.15	7.00	9.56	16.00	5.30
2.00	16.15	7.25	9.48	17.00	5.24
3.00	16.05	7.50	8.70	18.00	5.16
4.00	16.05	7.75	8.34	19.00	5.13
5.00	15.21	8.00	8.13	20.00	5.08
5.25	13.51	9.00	7.46	21.00	5.06
5.50	12.98	10.00	6.65	22.00	4.95
5.75	12.31	11.00	6.18	23.00	4.92
6.00	11.86	12.00	5.88	24.00	4.89
6.25	11.67	13.00	5.58	25.00	4.89
6.50	10.92	14.00	5.48		

Lake # 224 5 JUL 82 (Day 186) Time: 16 10 CDT
Air Temperature: 24 (C)
Cloud Cover: 8 /10
Secchi Visibility: 6.6 (M)
Inflow Temperature:
Surface Temperature: 19.58 (C)
Epilimnion Temperature: 19.13 (C)
Planar-Thermocline : 7.125 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: GREEN -BLUE
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 6.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.58	7.00	13.94	14.00	6.20
1.00	19.13	7.25	12.42	15.00	5.86
2.00	19.03	7.50	11.74	16.00	5.61
3.00	19.03	7.75	11.37	17.00	5.49
4.00	18.92	8.00	10.74	18.00	5.32
5.00	18.55	8.25	10.40	19.00	5.22
5.25	18.08	8.50	10.02	20.00	5.12
5.50	17.97	8.75	9.77	21.00	5.02
5.75	17.84	9.00	9.40	22.00	4.94
6.00	17.28	10.00	8.44	23.00	4.96
6.25	16.84	11.00	7.62	24.00	4.85
6.50	16.04	12.00	6.91	25.00	4.85
6.75	15.04	13.00	6.42		

Lake # 224 19 JUL 82 (Day 200) Time: 10 00 CDT
Air Temperature: 20 (C) Wind: 0 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 7 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.53 (C)
Epilimnion Temperature: 20.51 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 6.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.53	7.75	12.68	14.00	6.29
1.00	20.51	8.00	12.00	15.00	6.00
2.00	20.51	8.25	11.95	16.00	5.76
3.00	20.41	8.50	10.90	17.00	5.50
4.00	20.41	8.75	10.40	18.00	5.39
5.00	20.38	9.00	10.14	19.00	5.29
6.00	19.78	9.25	9.62	20.00	5.17
6.25	19.36	9.50	9.37	21.00	5.12
6.50	17.81	9.75	9.09	22.00	5.02
6.75	16.41	10.00	8.80	23.00	5.02
7.00	15.41	11.00	7.84	24.00	5.02
7.25	14.74	12.00	7.13	25.00	5.01
7.50	13.75	13.00	6.67		

Lake # 224 .5 AUG 82 (Day 228) Time: 10 23 CDT
Air Temperature: 19 (C) Wind: 0 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.08 (C)
Epilimnion Temperature: 20.93 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 5.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.08	8.25	13.60	12.00	7.30
1.00	20.93	8.50	13.02	13.00	7.05
2.00	20.95	8.75	12.27	14.00	6.66
3.00	20.91	9.00	11.65	15.00	6.20
4.00	20.87	9.25	11.11	16.00	5.83
5.00	20.78	9.50	10.87	17.00	5.68
6.00	20.64	9.75	10.55	18.00	5.54
6.25	20.52	10.00	10.18	19.00	5.46
6.50	20.46	10.25	9.91	20.00	5.36
6.75	19.80	10.50	9.51	21.00	5.20
7.00	19.05	10.75	9.22	22.00	5.21
7.25	18.24	11.00	8.94	23.00	5.19
7.50	17.04	11.25	8.63	24.00	5.13
7.75	15.61	11.50	8.37	25.00	5.13
8.00	14.51	11.75	8.04		

Lake # 224 2 AUG 82 (Day 214) Time: 11 00 CDT
Air Temperature: 14 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.21 (C)
Epilimnion Temperature: 21.24 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 5.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.21	7.75	14.02	14.00	6.37
1.00	21.24	8.00	13.37	15.00	6.03
2.00	21.24	8.25	12.58	16.00	5.70
3.00	21.25	8.50	11.91	17.00	5.57
4.00	21.25	8.75	11.42	18.00	5.48
5.00	21.26	9.00	11.03	19.00	5.34
6.00	21.26	9.25	10.78	20.00	5.29
6.25	20.84	9.50	10.51	21.00	5.24
6.50	19.38	9.75	9.74	22.00	5.17
6.75	18.24	10.00	9.42	23.00	5.14
7.00	17.04	11.00	8.61	24.00	5.09
7.25	15.83	12.00	7.61	25.00	5.09
7.50	15.16	13.00	6.71	26.00	5.09

Lake # 224 30 AUG 82 (Day 242) Time: 14 30 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 9 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 17.52 (C)
Epilimnion Temperature: 17.51 (C)
Planar-Thermocline : 8.625 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.125 (M)
Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.52	9.00	12.64	15.00	6.47
1.00	17.51	9.25	12.07	16.00	6.11
2.00	17.49	9.50	11.51	17.00	5.86
3.00	17.44	9.75	11.18	18.00	5.64
4.00	17.42	10.00	10.52	19.00	5.51
5.00	17.41	10.25	10.22	20.00	5.40
6.00	17.41	10.50	9.87	21.00	5.32
7.00	17.39	10.75	9.63	22.00	5.24
8.00	17.13	11.00	9.35	23.00	5.21
8.25	16.50	12.00	8.42	24.00	5.20
8.50	15.38	13.00	7.53	25.00	5.18
8.75	13.48	14.00	6.98		

Lake # 224 27 SEP 82 (Day 270) Time: 15 15 CDT
Air Temperature: 8 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.03 (C)
Epilimnion Temperature: 13.23 (C)
Planar-Thermocline : 10.625 (M)
Wind: 10 - 15 KMPH
Weather Description:
Water Color :
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: 6.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.03	10.25	13.15	16.00	6.11
1.00	13.23	10.50	12.73	17.00	5.81
2.00	13.24	10.75	11.22	18.00	5.62
3.00	13.25	11.00	10.83	19.00	5.41
4.00	13.25	11.25	10.22	20.00	5.29
5.00	13.25	11.50	9.32	21.00	5.21
6.00	13.25	11.75	8.89	22.00	5.12
7.00	13.26	12.00	8.62	23.00	5.11
8.00	13.26	13.00	7.67	24.00	5.05
9.00	13.27	14.00	7.06	25.00	5.04
10.00	13.27	15.00	6.51	26.00	5.04

Lake # 224 13 SEP 82 (Day 256) Time: 15 00 CDT
Air Temperature: 13 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.5 (M)
Inflow Temperature:
Surface Temperature: 17.12 (C)
Epilimnion Temperature: 17.12 (C)
Planar-Thermocline : 9.125 (M)
Wind: 0 - 0 KMPH
Weather Description:
Water Color: PALE
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.625 (M)
Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.12	9.00	15.03	15.00	6.54
1.00	17.12	9.25	13.83	16.00	6.29
2.00	17.12	9.50	13.05	17.00	5.91
3.00	17.12	9.75	12.13	18.00	5.71
4.00	17.12	10.00	11.29	19.00	5.61
5.00	17.08	10.25	11.17	20.00	5.50
6.00	16.93	10.50	10.32	21.00	5.39
7.00	16.73	10.75	10.01	22.00	5.31
8.00	16.37	11.00	9.63	23.00	5.23
8.25	16.13	12.00	8.63	24.00	5.23
8.50	15.93	13.00	7.62	25.00	5.22
8.75	15.52	14.00	7.12		

Lake # 224 26 OCT 82 (Day 299) Time: 14 16 CDT
Air Temperature: 5.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 5.5 (M)
Inflow Temperature:
Surface Temperature: 8.61 (C)
Epilimnion Temperature: 8.21 (C)
Planar-Thermocline : 17.25 (M)
Wind: 10 - 15 KMPH
Weather Description:
Water Color: PALE
Outflow Temperature:
Epilimnion Depth (1 C/M): 17.25 (M)
Change at Planar-Thermo: 2.780 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.61	9.00	7.91	17.50	5.92
1.00	8.21	10.00	7.88	18.00	5.83
2.00	8.21	11.00	7.88	19.00	5.63
3.00	8.10	12.00	7.88	20.00	5.49
4.00	8.02	13.00	7.86	21.00	5.41
5.00	8.02	14.00	7.74	22.00	5.39
6.00	7.99	15.00	7.70	23.00	5.32
7.00	7.97	16.00	7.52	24.00	5.32
8.00	7.93	17.00	7.31		

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Lake # 224 11 NOV 82 (Day 315) Time: 13 30 CDT
Air Temperature: 7 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 10.2 (C)
Epilimnion Temperature: 10.2 (C)
Planar-Thermocline : 13.875 (M)

Wind: 10 - 15 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 13.125 (M)
Change at Planar-Thermo: 3.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.20	10.00	10.22	17.00	5.85
1.00	10.20	11.00	10.22	18.00	5.63
2.00	10.20	12.00	10.22	19.00	5.49
3.00	10.20	13.00	10.10	20.00	5.33
4.00	10.20	13.25	9.60	21.00	5.21
5.00	10.20	13.50	9.12	22.00	5.16
6.00	10.22	13.75	8.40	23.00	5.12
7.00	10.22	14.00	7.48	24.00	5.11
8.00	10.22	15.00	6.51	25.00	5.11
9.00	10.22	16.00	6.15	26.00	5.11

Lake # 224 30 MAY 83 (Day 150) Time: 09 30 CDT
Air Temperature: 14 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 11.8 (C)
Epilimnion Temperature: 11.8 (C)
Planar-Thermocline : 4.875 (M)

Wind: N 20 - 25 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.80	5.25	10.00	15.00	5.10
1.00	11.80	5.50	9.70	16.00	5.00
2.00	11.80	5.75	9.40	17.00	5.00
3.00	11.80	6.00	9.20	18.00	4.80
3.25	11.80	7.00	8.50	19.00	4.90
3.50	11.80	8.00	7.90	20.00	4.70
3.75	11.80	9.00	7.40	21.00	4.70
4.00	11.80	10.00	7.00	22.00	4.60
4.25	11.80	11.00	6.50	23.00	4.60
4.50	11.70	12.00	6.10	24.00	4.60
4.75	11.10	13.00	5.60	25.00	4.60
5.00	10.30	14.00	5.30		

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Lake # 224 10 MAY 83 (Day 130) Time: 08 40 CDT
Air Temperature: 10.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 6.5 (C)
Epilimnion Temperature: 6.3 (C)
Planar-Thermocline : .5 (M)

Wind: E 0 - 5 KMPH
Weather Description:
Water Color: TURQ
Outflow Temperature:

Epilimnion Depth (1 C/M): 25 (M)
Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.50	10.00	5.00	20.00	4.40
1.00	6.30	15.00	4.60	25.00	4.30
5.00	5.90				

Lake # 224 27 JUN 83 (Day 178) Time: 09 38 CDT
Air Temperature: 18 (C)
Cloud Cover: 0 /10
Secchi Visibility: 5.8 (M)
Inflow Temperature:
Surface Temperature: 19 (C)
Epilimnion Temperature: 19.3 (C)
Planar-Thermocline : 4.125 (M)

Wind: NE 10 - 15 KMPH
Weather Description:
Water Color: PALE
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.00	6.25	12.80	14.00	6.10
1.00	19.30	6.50	12.40	15.00	5.50
2.00	19.40	6.75	11.80	16.00	5.20
3.00	19.40	7.00	11.30	17.00	4.90
4.00	19.30	7.25	10.80	18.00	4.80
4.25	17.10	7.50	10.60	19.00	4.60
4.50	16.50	7.75	9.90	20.00	4.50
4.75	16.00	8.00	9.60	21.00	4.50
5.00	15.60	9.00	8.80	22.00	4.50
5.25	15.20	10.00	8.60	23.00	4.40
5.50	14.80	11.00	7.90	24.00	4.40
5.75	14.40	12.00	7.10	25.00	4.40
6.00	13.70	13.00	6.70	26.00	4.30

Lake # 224 25 JUL 83 (Day 206) Time: 09 29 CDT
Air Temperature: 24 (C) Wind: 0 - 0 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 9.4 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.6 (C)
Epilimnion Temperature: 22.5 (C) Epilimnion Depth (1 C/M): 5.375 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Therm: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.60	7.25	14.00	13.00	6.50
1.00	22.50	7.50	13.30	14.00	6.40
2.00	22.50	7.75	13.70	15.00	5.50
3.00	22.50	8.00	12.30	16.00	5.20
4.00	22.40	8.25	11.70	17.00	5.00
5.00	21.90	8.50	11.20	18.00	4.80
5.25	21.90	8.75	10.70	19.00	4.60
5.50	19.90	9.00	10.30	20.00	4.50
5.75	18.70	9.25	9.80	21.00	4.50
6.00	18.60	9.50	9.40	22.00	4.40
6.25	16.90	9.75	9.40	23.00	4.40
6.50	16.10	10.00	9.20	24.00	4.40
6.75	15.50	11.00	8.00	25.00	4.40
7.00	14.80	12.00	7.10	25.50	4.35

Lake # 224 22 AUG 83 (Day 234) Time: 10 13 CDT
Air Temperature: 19 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 7.2 (M) Water Color: PALE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.6 (C)
Epilimnion Temperature: 20.6 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Therm: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.60	8.50	13.90	14.00	6.70
1.00	20.60	8.75	13.40	15.00	6.10
2.00	20.60	9.00	12.90	16.00	5.80
3.00	20.60	9.25	12.30	17.00	5.50
4.00	20.60	9.50	11.80	18.00	5.20
5.00	20.60	9.75	11.40	19.00	5.00
6.00	20.60	10.00	10.90	20.00	4.90
7.00	19.80	10.25	10.40	21.00	4.80
7.25	18.70	10.50	10.20	22.00	4.70
7.50	17.50	10.75	9.80	23.00	4.60
7.75	16.00	11.00	9.60	24.00	4.60
8.00	15.30	12.00	8.60	25.00	4.60
8.25	14.40	13.00	7.60		

Lake # 224 5 SEP 83 (Day 248) Time: 14 00 CDT
Air Temperature: 22.5 (C) Wind: S 10 - 15 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 8 (M) Water Color: BROWN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.4 (C)
Epilimnion Temperature: 22.2 (C) Epilimnion Depth (1 C/M): 7.625 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Therm: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.40	8.50	16.70	15.00	7.10
1.00	22.20	8.75	15.60	16.00	6.60
2.00	22.00	9.00	15.00	17.00	6.30
3.00	21.90	9.25	14.20	18.00	6.00
4.00	21.90	9.50	13.80	19.00	5.80
5.00	21.90	9.75	13.20	20.00	5.70
6.00	21.90	10.00	12.70	21.00	5.50
7.00	21.80	10.50	11.70	22.00	5.40
7.25	21.60	11.00	10.90	23.00	5.30
7.50	21.50	11.50	10.20	24.00	5.30
7.75	20.40	12.00	9.60	25.00	5.20
8.00	18.30	13.00	8.60	26.00	5.20
8.25	17.50	14.00	7.80		

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Lake # 224 19 SEP 83 (Day 262) Time: 10 05 CDT
Air Temperature: 10 (C) Wind: N 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.5 (C)
Epilimnion Temperature: 14.5 (C) Epilimnion Depth (1 C/M): 10.375 (M)
Planar-Thermocline : 10.875 (M) Change at Planar-Therm: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.50	10.25	14.30	16.00	6.05
1.00	14.50	10.50	13.70	17.00	5.75
2.00	14.50	10.75	12.90	18.00	5.45
3.00	14.50	11.00	11.20	19.00	5.30
4.00	14.50	11.25	10.45	20.00	5.15
5.00	14.50	11.50	9.75	21.00	5.00
6.00	14.50	11.75	9.65	22.00	4.90
7.00	14.50	12.00	9.15	23.00	4.80
8.00	14.50	13.00	8.15	24.00	4.75
9.00	14.50	14.00	7.15	25.00	4.70
10.00	14.50	15.00	6.40		

Lake # 224 3 OCT 83 (Day 276) Time: 15 00 CDT
Air Temperature: 10 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7 (M) Water Color: TURQ -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.2 (C)
Epilimnion Temperature: 12.3 (C) Epilimnion Depth (1 C/M): 12.125 (M)
Planar-Thermocline : 12.875 (M) Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.20	11.00	12.20	16.00	6.80
1.00	12.30	12.00	11.50	17.00	6.40
2.00	12.40	12.25	11.10	18.00	6.00
3.00	12.40	12.50	10.60	19.00	5.80
4.00	12.40	12.75	10.10	20.00	5.60
5.00	12.40	13.00	9.50	21.00	5.50
6.00	12.40	13.25	8.90	22.00	5.40
7.00	12.40	13.50	8.60	23.00	5.30
8.00	12.40	13.75	8.30	24.00	5.30
9.00	12.40	14.00	8.10	25.00	5.30
10.00	12.40	15.00	7.30	26.00	5.20

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Lake # 224 26 OCT 83 (Day 299) Time: 08 50 CDT
Air Temperature: 4 (C) Wind: 0 - 0 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 7.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.4 (C)
Epilimnion Temperature: 8.2 (C) Epilimnion Depth (1 C/M): 25.5 (M)
Planar-Thermocline : 17.5 (M) Change at Planar-Thermo: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.40	9.00	8.00	18.00	6.70
1.00	8.20	10.00	8.00	19.00	6.10
2.00	8.20	11.00	8.00	20.00	5.80
3.00	8.20	12.00	8.00	21.00	5.60
4.00	8.20	13.00	8.00	22.00	5.50
5.00	8.20	14.00	8.00	23.00	5.40
6.00	8.20	15.00	8.00	24.00	5.40
7.00	8.20	16.00	7.90	25.00	5.40
8.00	8.10	17.00	7.60	25.50	5.30

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Lake # 226 NE 20 MAY 71 (Day 140) Time:
Air Temperature: 6.2 (C) Wind: 2 - 3 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.17 (C)
Epilimnion Temperature: 11.18 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.17	4.75	9.05	10.00	4.89
1.00	11.18	5.00	8.64	11.00	4.83
2.00	11.18	6.00	6.27	12.00	4.80
3.00	11.15	7.00	5.55	13.00	4.80
4.00	11.11	8.00	5.20	13.50	4.80
4.50	10.40	9.00	5.06		

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Lake # 226 NE 22 JUL 71 (Day 203) Time: 09 10 CDT
Air Temperature: Wind: 3 - 6 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.98 (C)
Epilimnion Temperature: 20.98 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.98	5.00	18.20	8.00	7.19
1.00	20.98	5.25	16.15	9.00	6.26
2.00	20.92	5.50	14.61	10.00	5.55
3.00	20.90	5.75	13.36	11.00	5.35
4.00	20.79	6.00	12.42	12.00	5.21
4.50	20.35	6.50	10.15	13.00	5.17
4.75	19.50	7.00	8.39		

Lake # 226 NE 19 AUG 71 (Day 231) Time: 09 55 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 20.24 (C)
Epilimnion Temperature: 20.24 (C)
Planar-Thermocline : 5.375 (M)
Wind: 3 - 8 KMPH
Weather Description: RAIN
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Therm: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.24	5.50	14.65	8.00	7.68
1.00	20.24	5.75	14.68	9.00	6.49
2.00	20.24	6.00	13.73	10.00	5.82
3.00	20.24	6.25	12.40	11.00	5.45
4.00	20.02	6.50	11.45	12.00	5.35
5.00	17.83	6.75	10.43	13.00	5.26
5.25	16.85	7.00	10.26	13.60	5.25

Lake # 226 NE 14 OCT 71 (Day 287) Time: 09 15 CDT
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 10.39 (C)
Epilimnion Temperature: 10.39 (C)
Planar-Thermocline : 8.75 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.75 (M)
Change at Planar-Therm: 3.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.39	9.00	8.42	12.00	5.76
7.00	10.39	9.50	7.04	13.00	5.64
8.00	10.35	10.00	6.56	13.20	5.63
8.50	10.00	11.00	6.04		

Lake # 226 NE 16 SEP 71 (Day 259) Time: 08 55 CDT
Air Temperature: 10.45 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 17 (C)
Epilimnion Temperature: 17.01 (C)
Planar-Thermocline : 6.125 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 16.21 (C)
Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Therm: 9.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.00	6.00	16.38	9.00	6.75
1.00	17.01	6.25	13.95	10.00	6.18
2.00	17.03	6.50	12.28	11.00	5.80
3.00	17.03	7.00	11.48	12.00	5.10
4.00	17.03	7.50	9.25	13.00	5.42
5.00	16.98	8.00	8.20		

Lake # 226 NE 1 MAY 73 (Day 121) Time: 12 15 CDT
Air Temperature: 10 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.5 (M)
Inflow Temperature:
Surface Temperature: 5.35 (C)
Epilimnion Temperature: 5.33 (C)
Planar-Thermocline : 9.5 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 5.4 (C)
Epilimnion Depth (1 C/M): 14 (M)
Change at Planar-Therm: 0.650 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.35	5.00	5.30	10.00	4.20
1.00	5.33	6.00	5.30	11.00	4.09
2.00	5.32	7.00	5.30	12.00	4.06
3.00	5.30	8.00	5.30	13.00	4.06
4.00	5.30	9.00	4.85	14.00	4.13

Lake # 226 NE 14 MAY 73 (Day 134) Time: 10 00 CDT
Air Temperature: 1.6 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.75 (M)
Inflow Temperature:
Surface Temperature: 10.03 (C)
Epilimnion Temperature: 9.97 (C)
Planar-Thermocline : 4.125 (M)

Wind: -
Weather Description: CALM
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 2.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.03	4.75	7.30	9.00	5.35
1.00	9.97	5.00	6.95	10.00	5.04
2.00	9.80	5.50	6.40	11.00	4.80
3.00	9.57	6.00	6.10	12.00	4.67
4.00	8.90	7.00	5.56	13.00	4.65
4.25	8.25	8.00	5.39	14.00	4.60
4.50	7.60				

Lake # 226 NE 12 JUN 73 (Day 163) Time: 10 20 CDT
Air Temperature: 16.5 (C)
Cloud Cover: 5 /10
Secchi Visibility: 4.5 (M)
Inflow Temperature:
Surface Temperature: 17.18 (C)
Epilimnion Temperature: 17.15 (C)
Planar-Thermocline : 4.375 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 17.6 (C)

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.18	4.75	11.95	9.00	5.55
1.00	17.15	5.00	10.70	10.00	5.32
2.00	17.10	5.50	9.18	11.00	5.18
3.00	17.00	6.00	7.85	12.00	5.11
4.00	16.80	7.00	6.51	13.00	5.05
4.25	16.15	8.00	5.85	14.10	5.02
4.50	13.75				

Lake # 226 NE 29 MAY 73 (Day 149) Time: 10 45 CDT
Air Temperature: 10 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 16.25 (C)
Epilimnion Temperature: 15.8 (C)
Planar-Thermocline : 3.625 (M)

Wind: 3 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 18 (C)

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.25	4.00	11.20	9.00	5.25
1.00	15.80	4.50	9.45	10.00	5.15
2.00	15.45	5.00	8.35	11.00	5.00
3.00	14.80	6.00	6.80	12.00	4.95
3.25	14.10	7.00	5.80	13.00	4.95
3.50	13.50	8.00	5.50	14.00	4.95
3.75	12.00				

Lake # 226 NE 26 JUN 73 (Day 177) Time: 10 00 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 21.2 (C)
Epilimnion Temperature: 21.02 (C)
Planar-Thermocline : 4.875 (M)

Wind: -
Weather Description: CALM
Water Color: YELLOW-GREEN
Outflow Temperature: 21.1 (C)

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 7.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	4.50	15.90	9.00	5.85
1.00	21.02	4.75	14.15	10.00	5.58
2.00	20.80	5.00	12.30	11.00	5.40
2.50	19.40	6.00	8.70	12.00	5.22
3.00	18.62	7.00	7.02	13.00	5.18
4.00	17.40	8.00	6.08	14.00	5.15
4.25	16.60				

Lake # 226 NE 10 JUL 73 (Day 191) Time: 10 30 CDT
Air Temperature: 23.8 (C)
Cloud Cover: 3 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 22.45 (C)
Epilimnion Temperature: 22.25 (C)
Planar-Thermocline : 4.875 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.45	4.75	16.75	9.00	6.20
1.00	22.25	5.00	14.60	10.00	5.60
2.00	22.10	5.50	13.08	11.00	5.42
3.00	21.68	6.00	11.48	12.00	5.30
4.00	19.60	7.00	9.15	13.00	5.25
4.25	18.98	8.00	7.28	14.00	5.22
4.50	17.50				

Lake # 226 NE 7 AUG 73 (Day 219) Time: 10 00 CDT
Air Temperature: 18.3 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 22.15 (C)
Epilimnion Temperature: 22.2 (C)
Planar-Thermocline : 5.125 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 22.25 (C)

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 7.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.15	5.25	15.60	9.00	6.65
1.00	22.20	5.50	14.65	10.00	5.95
2.00	22.20	5.75	13.18	11.00	5.70
3.00	21.80	6.00	11.60	12.00	5.55
4.00	19.40	6.50	10.80	13.00	5.50
4.50	18.40	7.00	9.81	14.20	5.30
5.00	17.35	8.00	7.55		

Lake # 226 NE 24 JUL 73 (Day 205) Time: 10 30 CDT
Air Temperature: 21 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 21.62 (C)
Epilimnion Temperature: 21.69 (C)
Planar-Thermocline : 4.625 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 6.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.62	4.75	16.71	8.00	6.78
1.00	21.69	5.00	15.48	9.00	6.00
2.00	21.70	5.25	14.55	10.00	5.61
3.00	21.70	5.50	13.45	11.00	5.46
4.00	20.35	5.75	11.75	12.00	5.38
4.25	19.33	6.00	10.88	13.00	5.31
4.50	18.37	7.00	9.22	14.00	5.29

Lake # 226 NE 21 AUG 73 (Day 233) Time: 10 15 CDT
Air Temperature: 23 (C)
Cloud Cover: 4 /10
Secchi Visibility: 2.1 (M)
Inflow Temperature:
Surface Temperature: 22.18 (C)
Epilimnion Temperature: 22.06 (C)
Planar-Thermocline : 5.375 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 22.1 (C)

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.18	5.25	15.28	7.00	8.85
1.00	22.06	5.50	14.08	8.00	7.41
2.00	21.91	5.75	13.05	9.00	6.39
3.00	21.51	6.00	11.91	10.00	6.00
4.00	19.74	6.25	11.24	11.00	5.82
4.50	18.01	6.50	10.33	12.00	5.61
5.00	16.42	6.75	9.69	12.75	5.59

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Lake # 226 NE 4 SEP 73 (Day 247) Time: 10 10 CDT
Air Temperature: 16 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description: WIND VARIES
Secchi Visibility: 1.3 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 20.22 (C)
Surface Temperature: 20.39 (C)
Epilimnion Temperature: 20.42 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 4.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.39	5.25	15.28	8.00	7.59
1.00	20.42	5.50	14.40	9.00	6.53
2.00	20.44	5.75	13.56	10.00	6.18
3.00	20.41	6.00	12.42	11.00	5.90
4.00	19.94	6.25	11.60	12.00	5.80
4.50	18.36	6.50	11.02	13.00	5.71
4.75	17.20	7.00	9.76	13.50	5.68
5.00	16.34				

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Lake # 226 NE 18 SEP 73 (Day 261) Time: 11 00 CDT
Air Temperature: 15 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 14.67 (C)
Surface Temperature: 14.17 (C)
Epilimnion Temperature: 14.17 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 5.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.17	6.00	13.77	9.00	6.87
1.00	14.17	6.25	13.22	10.00	6.25
2.00	14.17	6.50	11.82	11.00	5.87
3.00	14.12	6.75	11.17	12.00	5.75
4.00	14.09	7.00	9.72	13.00	5.65
5.00	14.07	8.00	7.62	14.00	5.62

****

Lake # 226 NE 25 SEP 73 (Day 268) Time: 10 00 CDT
Air Temperature: 13.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 12.47 (C)
Surface Temperature: 12.27 (C)
Epilimnion Temperature: 12.26 (C) Epilimnion Depth (1 C/M): 7.5 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 2.820 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.27	5.00	11.89	10.00	5.94
1.00	12.26	6.00	11.75	11.00	5.80
2.00	12.21	7.00	10.95	12.00	5.71
3.00	12.05	8.00	8.13	13.00	5.67
4.00	11.94	9.00	6.50		

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Lake # 226 NE 2 OCT 73 (Day 275) Time: 10 30 CDT
Air Temperature: 16.5 (C) Wind: 0 - 2 KMPH
Cloud Cover: 1 /10 Weather Description: WIND VARIES
Secchi Visibility: 2.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 13.3 (C)
Surface Temperature: 13.37 (C)
Epilimnion Temperature: 13.3 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 3.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.37	7.00	11.07	8.75	6.92
1.00	13.30	7.25	10.43	9.00	6.67
2.00	13.17	7.50	9.82	10.00	6.22
3.00	12.95	7.75	9.07	11.00	5.03
4.00	12.69	8.00	8.32	12.00	5.85
5.00	12.32	8.25	7.67	13.00	5.81
6.00	11.97	8.50	7.37	13.20	5.77

****

Lake # 226 NE 16 OCT 73 (Day 289) Time: 09 50 CDT
Air Temperature: 4.2 (C)
Cloud Cover: 5 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 9.43 (C)
Epilimnion Temperature: 9.43 (C)
Planar-Thermocline : 9.5 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 8.4 (C)

Epilimnion Depth (1 C/M): 9.5 (M)
Change at Planar-Thermo: 2.270 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.43	5.00	9.43	11.00	6.01
0.50	9.43	6.00	9.43	12.00	5.85
1.00	9.43	7.00	9.43	13.00	5.77
2.00	9.43	8.00	9.07	14.00	5.62
3.00	9.43	9.00	8.49	14.25	5.62
4.00	9.43	10.00	6.22		

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Lake # 226 NE 24 OCT 73 (Day 297) Time: 14 00 CST
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9 (C)
Epilimnion Temperature: 8.7 (C)
Planar-Thermocline : 10.25 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 10.25 (M)
Change at Planar-Thermo: 1.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.00	5.00	8.20	10.50	6.30
0.50	8.90	6.00	8.20	11.00	6.00
1.00	8.70	7.00	8.10	12.00	5.70
2.00	8.60	8.00	8.00	13.00	5.60
3.00	8.50	9.00	7.90	13.25	5.60
4.00	8.30	10.00	7.20		

****

Lake # 226 NE 30 OCT 73 (Day 303) Time: 10 00 CST
Air Temperature: 7.2 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 7.45 (C)
Epilimnion Temperature: 7.45 (C)
Planar-Thermocline : 11.5 (M)

Wind: 3 - 8 KMPH
Weather Description: SUNNY,WARM
Water Color: BROWN -YELLOW
Outflow Temperature: 6.17 (C)

Epilimnion Depth (1 C/M): 14 (M)
Change at Planar-Thermo: 0.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.45	5.00	7.43	10.00	7.23
1.00	7.45	6.00	7.41	11.00	6.83
2.00	7.45	7.00	7.41	12.00	5.91
3.00	7.45	8.00	7.41	13.00	5.72
4.00	7.45	9.00	7.37	14.00	5.31

****

Lake # 226 NE 8 NOV 73 (Day 312) Time: 09 30 CST
Air Temperature: -15 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 3.2 (C)
Epilimnion Temperature: 3.25 (C)
Planar-Thermocline : 10.5 (M)

Wind: 8 - 16 KMPH
Weather Description: SNOWING
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 14 (M)
Change at Planar-Thermo: -.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.20	5.00	3.35	10.00	3.60
1.00	3.25	6.00	3.40	11.00	3.60
2.00	3.30	7.00	3.40	12.00	3.60
3.00	3.30	8.00	3.45	13.00	3.60
4.00	3.30	9.00	3.50	14.00	3.65

****

Lake # 226 NE 18 DEC 73 (Day 352) Time: 14 45 CST
Air Temperature: -15 (C) Wind: -
Cloud Cover: 0 /10 Weather Description: CLEAR.SUNNY
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 2.02 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.50	5.00	3.56	10.00	3.86
1.00	2.02	6.00	3.63	11.00	3.90
2.00	2.80	7.00	3.72	12.00	3.97
3.00	3.17	8.00	3.79	13.00	4.06
4.00	3.43	9.00	3.82	14.00	4.12

****

Lake # 226 NE 22 JAN 74 (Day 22) Time: 15 30 CST
Air Temperature: -6.6 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 1.45 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.50	5.00	3.60	10.00	4.05
1.00	1.45	6.00	3.85	11.00	4.10
2.00	2.98	7.00	3.85	12.00	4.15
3.00	3.30	8.00	3.95	13.00	4.20
4.00	3.50	9.00	4.00	13.50	4.20

****

Lake # 226 NE 27 FEB 74 (Day 58) Time: 10 15 CST
Air Temperature: -12.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 2.2 (C) Epilimnion Depth (1 C/M): .55 (M)
Planar-Thermocline : .55 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.65	6.00	4.08	11.00	4.23
1.00	2.20	7.00	4.15	12.00	4.25
2.00	2.90	8.00	4.20	13.00	4.32
3.00	3.55	9.00	4.22	14.00	4.50
4.00	3.92	10.00	4.23	14.25	4.55
5.00	4.03				

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Lake # 226 NE 3 APR 74 (Day 93) Time: 10 00 CST
Air Temperature: -1.1 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description: NO SLUSH
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .4 (C)
Epilimnion Temperature: .72 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.40	6.00	4.05	11.00	4.22
1.00	0.72	7.00	4.13	12.00	4.22
2.00	1.70	8.00	4.18	13.00	4.30
3.00	2.77	9.00	4.20	14.00	4.43
4.00	3.18	10.00	4.22	14.50	4.48
5.00	3.78				

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Lake # 226 NE 14 MAY 74 (Day 134) Time: 10 00 CST
Air Temperature: 4.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: RAINING
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 7.2 (C)
Surface Temperature: 6.95 (C)
Epilimnion Temperature: 7.03 (C) Epilimnion Depth (1 C/M): 14 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.830 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.95	5.00	5.79	10.00	4.65
0.50	7.02	6.00	5.61	11.00	4.68
1.00	7.03	7.00	5.47	12.00	4.42
2.00	7.03	8.00	5.32	13.00	4.42
3.00	6.20	9.00	5.28	14.00	4.46
4.00	6.05				

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Lake # 226 NE 28 MAY 74 (Day 148) Time: 09 30 CST
Air Temperature: 15.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 15.25 (C)
Surface Temperature: 14.95 (C)
Epilimnion Temperature: 14.8 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 5.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.95	3.50	8.85	9.00	5.25
1.00	14.80	4.00	7.98	10.00	5.00
2.00	13.82	5.00	7.20	11.00	4.90
2.25	12.60	6.00	6.18	12.00	4.85
2.50	12.02	7.00	5.70	13.00	4.83
2.75	10.75	8.00	5.58	14.10	4.81
3.00	10.00				

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Lake # 226 NE 11 JUN 74 (Day 162) Time: 10 30 CDT
Air Temperature: 12.7 (C) Wind: 8 - 16 KMPH
Cloud Cover: 3 /10 Weather Description: POLLEN HEAVY
Secchi Visibility: 2.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 16.5 (C)
Surface Temperature: 16.85 (C)
Epilimnion Temperature: 16.85 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.85	3.75	10.80	9.00	5.39
1.00	16.85	4.00	9.55	10.00	5.08
2.00	16.80	4.50	8.80	11.00	5.02
2.75	15.51	5.00	7.92	12.00	5.00
3.00	14.30	6.00	6.75	13.00	4.98
3.25	13.35	7.00	6.02	14.00	4.98
3.50	11.60	8.00	5.60	14.50	4.96

****

Lake # 226 NE 25 JUN 74 (Day 176) Time: 09 45 CDT
Air Temperature: 21.1 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.65 (C)
Epilimnion Temperature: 21.3 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.65	3.75	13.75	8.00	5.82
1.00	21.30	4.00	12.81	9.00	5.42
2.00	20.50	4.25	12.05	10.00	5.31
2.50	18.95	4.50	11.05	11.00	5.12
3.00	17.88	5.00	9.40	12.00	5.08
3.25	16.02	6.00	7.38	13.00	5.02
3.50	14.66	7.00	6.40	14.10	5.00

****

Lake # 226 NE 9 JUL 74 (Day 190) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 24.2 (C)
Surface Temperature: 23.69 (C)
Epilimnion Temperature: 23.7 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.69	4.25	14.32	8.00	5.72
1.00	23.70	4.50	13.42	9.00	5.54
2.00	23.65	4.75	11.70	10.00	5.33
3.00	21.12	5.00	10.75	11.00	5.25
3.25	18.60	5.50	8.83	12.00	5.21
3.50	18.11	6.00	8.05	13.00	5.05
3.75	17.55	7.00	6.45	14.00	5.05
4.00	15.59				

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Lake # 226 NE 23 JUL 74 (Day 204) Time: 10 15 CDT
Air Temperature: 23.8 (C) Wind: 3 - 8 KMPH
Cloud Cover: 5 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 24.25 (C)
Epilimnion Temperature: 24.1 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Therm: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.25	4.00	17.72	8.00	5.88
1.00	24.10	4.25	15.78	9.00	5.75
2.00	24.05	4.50	13.85	10.00	5.51
3.00	23.52	4.75	12.40	11.00	5.40
3.25	22.15	5.00	11.90	12.00	5.30
3.50	20.05	6.00	9.65	13.00	5.10
3.75	18.92	7.00	7.10	13.10	5.10

****

Lake # 226 NE 6 AUG 74 (Day 218) Time: 10 15 CDT
Air Temperature: 23.8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 1 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.35 (C)
Epilimnion Temperature: 21.25 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Therm: 8.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.35	4.75	14.88	8.00	6.41
1.00	21.25	5.00	14.00	9.00	5.91
2.00	20.31	5.25	12.02	10.00	5.60
3.00	19.62	5.50	10.58	11.00	5.41
4.00	18.85	5.75	9.40	12.00	5.35
4.25	18.01	6.00	9.30	13.00	5.32
4.50	16.92	7.00	7.40	13.40	5.32

****

Lake # 226 NE 17 AUG 74 (Day 229) Time: 10 10 CDT
Air Temperature: 18.3 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 20.5 (C)
Surface Temperature: 19.85 (C)
Epilimnion Temperature: 19.75 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Therm: 6.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.85	4.75	15.89	8.00	6.41
1.00	19.75	5.00	14.42	9.00	6.08
2.00	19.61	5.25	13.18	10.00	5.75
3.00	19.58	5.50	12.15	11.00	5.52
4.00	19.31	5.75	11.00	12.00	5.42
4.25	18.71	6.00	10.35	13.00	5.36
4.50	17.55	7.00	7.79	14.00	5.34

****

Lake # 226 NE 4 SEP 74 (Day 247) Time: 09 45 CDT
Air Temperature: 12.7 (C) Wind: 8 - 16 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.51 (C)
Epilimnion Temperature: 14.23 (C) Epilimnion Depth (1 C/M): 5.5 (M)
Planar-Thermocline : 6.5 (M) Change at Planar-Thermo: 3.780 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.51	5.00	13.99	10.00	5.57
1.00	14.23	6.00	12.60	11.00	5.45
2.00	14.10	7.00	8.82	12.00	5.36
3.00	14.11	8.00	6.71	13.00	5.34
4.00	14.03	9.00	6.12	14.00	5.32

****

Lake # 226 NE 17 SEP 74 (Day 260) Time: 09 45 CDT
Air Temperature: 10 (C) Wind: 3 - 8 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 14.2 (C)
Surface Temperature: 12.71 (C)
Epilimnion Temperature: 12.71 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.71	6.00	12.36	9.00	6.21
1.00	12.71	6.25	11.99	10.00	5.85
2.00	12.71	6.50	11.56	11.00	5.60
3.00	12.70	6.75	9.41	12.00	5.50
4.00	12.68	7.00	8.70	13.00	5.46
5.00	12.59	8.00	6.85	14.00	5.46

****

Lake # 226 NE 1 OCT 74 (Day 274) Time: 09 30 CDT
Air Temperature: 1 (C) Wind: 8 - 16 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 9 (C)
Surface Temperature: 9.3 (C)
Epilimnion Temperature: 9.3 (C) Epilimnion Depth (1 C/M): 7.625 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 2.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.30	8.00	8.20	11.00	5.60
6.00	9.30	8.50	7.20	12.00	5.58
7.00	9.20	9.00	6.52	13.00	5.50
7.50	9.10	10.00	6.02	14.00	5.30
7.75	8.74				

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Lake # 226 NE 15 OCT 74 (Day 288) Time: 10 15 CDT
Air Temperature: 1.6 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: CALM,SNOWING
Secchi Visibility: 1.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 6 (C)
Surface Temperature: 6.98 (C)
Epilimnion Temperature: 6.98 (C) Epilimnion Depth (1 C/M): 13.5 (M)
Planar-Thermocline : 11.5 (M) Change at Planar-Thermo: 0.860 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.98	5.00	7.00	10.00	6.92
1.00	6.98	6.00	7.00	11.00	6.60
2.00	6.98	7.00	7.00	12.00	5.74
3.00	7.00	8.00	7.00	13.00	5.58
4.00	7.00	9.00	7.00	13.50	5.50

****

Lake # 226 NE 29 OCT 74 (Day 302) Time: 09 30 CST
Air Temperature: 11.4 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 7 (C)
Surface Temperature: 6.32 (C)
Epilimnion Temperature: 6.3 (C) Epilimnion Depth (1 C/M): 14 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 0.400 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.32	5.00	5.68	10.00	5.56
1.00	6.30	6.00	5.68	11.00	5.52
2.00	6.30	7.00	5.64	12.00	5.52
3.00	6.28	8.00	5.60	13.00	5.50
4.00	5.98	9.00	5.58	14.00	5.50

****

Lake # 226 NE 12 MAY 75 (Day 132) Time: 11 00 CDT
Air Temperature: 15 (C) Wind: 8 - 16 KMPH
Cloud Cover: Weather Description:
Secchi Visibility: 3.3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.61 (C)
Epilimnion Temperature: 10.45 (C) Epilimnion Depth (1 C/M): 2.75 (M
Planar-Thermocline : 2.75 (M) Change at Planar-Thermo: 2.700 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.61	4.00	7.10	10.00	4.38
1.00	10.45	5.00	6.35	11.00	4.37
2.00	10.12	6.00	5.64	12.00	4.31
2.50	9.96	7.00	4.80	13.00	4.28
3.00	8.61	8.00	4.75	14.00	4.27
3.50	7.86	9.00	4.57	14.20	4.26

****

Lake # 226 NE 26 MAY 75 (Day 146) Time: 09 00 CDT
Air Temperature: 14 (C) Wind: 16 - 32 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.83 (C)
Epilimnion Temperature: 18.85 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 6.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.83	3.25	12.97	8.00	4.79
1.00	18.85	3.50	11.35	9.00	4.61
2.00	18.69	3.75	10.01	10.00	4.56
2.25	17.28	4.00	9.31	11.00	4.54
2.50	16.26	5.00	7.75	12.00	4.45
2.75	15.24	6.00	6.53	13.00	4.41
3.00	13.96	7.00	5.42	14.00	4.38

****

Lake # 226 NE 9 JUN 75 (Day 160) Time: 09 15 CDT
Air Temperature: 15 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.07 (C)
Epilimnion Temperature: 17.18 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 4.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.07	4.00	12.01	9.00	4.75
1.00	17.18	4.50	10.18	10.00	4.56
2.00	16.64	5.00	8.36	11.00	4.48
3.00	15.99	6.00	7.07	12.00	4.46
3.25	15.40	7.00	5.59	13.00	4.46
3.50	14.28	8.00	4.92	13.90	4.47
3.75	13.24				

****

Lake # 226 NE 23 JUN 75 (Day 174) Time: 09 20 CDT
Air Temperature: 24 (C) Wind: 0 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.59 (C)
Epilimnion Temperature: 19.44 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.59	4.00	14.52	9.00	4.88
1.00	19.44	5.00	10.09	10.00	4.84
2.00	19.20	6.00	8.34	11.00	4.73
3.00	18.36	7.00	5.96	12.00	4.63
3.25	18.12	8.00	5.21	13.00	4.63
3.50	16.31				

****

Lake # 226 NE 21 JUL 75 (Day 202) Time: 09 30 CDT
Air Temperature: 21 (C) Wind: 0 - 3 KMPH
Cloud Cover: 7 /10 Weather Description: WIND VARIES
Secchi Visibility: 2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.63 (C)
Epilimnion Temperature: 22.63 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.63	4.00	17.08	8.00	5.75
1.00	22.63	4.25	14.32	9.00	5.20
2.00	22.63	4.50	13.83	10.00	5.73
3.00	22.53	4.75	12.88	11.00	5.55
3.25	21.42	5.00	11.36	12.00	5.42
3.50	19.71	6.00	9.64	13.00	5.40
3.75	18.77	7.00	6.96	13.60	5.39

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Lake # 226 NE 7 JUL 75 (Day 188) Time: 10 00 CDT
Air Temperature: 24.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 25.78 (C)
Epilimnion Temperature: 25.75 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.78	3.50	16.70	8.00	5.49
1.00	25.75	3.75	15.61	9.00	5.11
2.00	25.23	4.00	14.35	10.00	5.06
2.25	24.05	4.50	12.03	11.00	4.83
2.50	22.79	5.00	10.45	12.00	4.73
2.75	21.64	6.00	7.75	13.00	4.72
3.00	19.94	7.00	5.99	14.00	4.72
3.25	18.67				

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Lake # 226 NE 4 AUG 75 (Day 216) Time: 09 45 CDT
Air Temperature: 19.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 2.3 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.26 (C)
Epilimnion Temperature: 22.32 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 9.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.26	4.50	14.37	7.00	6.94
1.00	22.32	4.75	13.13	8.00	5.75
2.00	22.32	5.00	11.90	9.00	5.21
3.00	22.26	5.25	10.77	10.00	5.06
3.25	21.89	5.50	10.18	11.00	4.80
3.50	21.37	5.75	9.20	12.00	4.75
3.75	19.66	6.00	8.45	13.00	4.70
4.00	18.15	6.50	7.69	13.90	4.70
4.25	16.64				

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Lake # 226 NE 18 AUG 75 (Day 230) Time: 10 00 CDT
Air Temperature: 14 (C) Wind: 0 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.92 (C)
Epilimnion Temperature: 18.88 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.92	4.75	16.20	8.00	5.80
1.00	18.88	5.00	13.53	9.00	5.24
2.00	18.74	5.25	12.97	10.00	5.02
3.00	18.63	5.50	12.06	11.00	4.83
3.50	18.59	5.75	10.55	12.00	4.77
4.00	18.56	6.00	9.15	13.00	4.73
4.25	18.39	6.50	7.78	14.00	4.75
4.50	17.93	7.00	6.91		

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Lake # 226 NE 1 SEP 75 (Day 244) Time: 09 15 CDT
Air Temperature: 17 (C) Wind: -
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 1.75 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.29 (C)
Epilimnion Temperature: 18.26 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 7.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.29	5.25	14.32	8.50	5.55
1.00	18.26	5.50	12.48	9.00	5.24
2.00	18.26	5.75	11.68	9.50	5.15
3.00	18.04	6.00	11.05	10.00	5.06
4.00	17.47	6.25	9.93	11.00	4.98
4.25	17.07	6.50	8.69	12.00	4.93
4.50	16.95	7.00	7.22	13.00	4.85
4.75	16.08	8.00	5.93	14.00	4.82
5.00	15.36				

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Lake # 226 NE 15 SEP 75 (Day 258) Time: 10 00 CDT
Air Temperature: 13 (C) Wind: 3 - 8 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.4 (C)
Epilimnion Temperature: 13.46 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 5.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.40	6.25	11.25	9.00	5.69
1.00	13.46	6.50	9.96	10.00	5.26
2.00	13.46	6.75	8.83	11.00	4.98
3.00	13.42	7.00	8.02	12.00	4.87
4.00	13.24	7.50	7.31	13.00	4.85
5.00	13.03	8.00	6.50	13.50	4.82
6.00	12.33				

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Lake # 226 NE 29 SEP 75 (Day 272) Time: 10 30 CDT
Air Temperature: 15 (C) Wind: 0 - 3 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 1.3 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 14 (C)
Surface Temperature: 13.4 (C)
Epilimnion Temperature: 13.21 (C) Epilimnion Depth (1 C/M): 6.25 (M)
Planar-Thermocline : 6.75 (M) Change at Planar-Thermo: 3.540 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.40	6.00	11.58	9.00	5.55
1.00	13.21	6.50	10.61	10.00	5.26
2.00	12.78	7.00	8.84	11.00	5.05
3.00	12.44	7.50	7.21	12.00	5.02
4.00	12.18	8.00	6.50	13.00	5.00
5.00	12.02				

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Lake # 226 NE 13 OCT 75 (Day 286) Time: 09 40 CDT
Air Temperature: 8.3 (C) Wind: 0 - 8 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 2.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 10.5 (C)
Surface Temperature: 11.23 (C)
Epilimnion Temperature: 11.23 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 4.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.23	6.25	10.72	8.00	6.50
1.00	11.23	6.50	10.61	9.00	6.02
2.00	11.23	6.75	10.09	10.00	5.53
3.00	11.17	7.00	9.87	11.00	5.29
4.00	11.15	7.25	9.20	12.00	5.13
5.00	11.15	7.50	8.34	13.00	5.08
6.00	11.02	7.75	7.17	13.50	5.08

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Lake # 226 NE 27 OCT 75 (Day 300) Time: 10 30 CST
Air Temperature: 5.71 (C) Wind: 3 - 8 KMPH
Cloud Cover: 2 /10 Weather Description: 1 INCH SNOW
Secchi Visibility: 2.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 7.1 (C)
Surface Temperature: 6.97 (C)
Epilimnion Temperature: 6.96 (C) Epilimnion Depth (1 C/M): 10.875 (M)
Planar-Thermocline : 10.875 (M) Change at Planar-Thermo: 2.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.97	7.00	6.84	11.00	5.83
1.00	6.96	8.00	6.83	11.25	5.63
2.00	6.93	9.00	6.83	11.50	5.33
3.00	6.88	10.00	6.73	12.00	5.19
4.00	6.85	10.25	6.67	13.00	5.09
5.00	6.86	10.50	6.62	14.00	5.05
6.00	6.84	10.75	6.50		

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Lake # 226 NE 10 NOV 75 (Day 314) Time: 10 20 CST
Air Temperature: 3.9 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: LIGHT SNOW
Secchi Visibility: 2.2 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature: 4.8 (C)
Surface Temperature: 5.64 (C)
Epilimnion Temperature: 5.64 (C) Epilimnion Depth (1 C/M): 14.5 (M)
Planar-Thermocline : 13.5 (M) Change at Planar-Thermo: 0.130 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.64	6.00	5.69	11.00	5.64
1.00	5.64	7.00	5.69	12.00	5.64
2.00	5.64	8.00	5.69	13.00	5.61
3.00	5.64	9.00	5.69	14.00	5.48
4.00	5.69	10.00	5.64	14.50	5.48
5.00	5.69				

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Lake # 226 NE 11 MAY 76 (Day 131) Time: 09 00 CDT
Air Temperature: 5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 9.79 (C)
Surface Temperature: 9.41 (C)
Epilimnion Temperature: 9.41 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 1.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.41	4.50	8.22	9.00	5.00
1.00	9.41	4.75	7.95	10.00	4.92
2.00	9.40	5.00	7.80	11.00	4.84
3.00	9.39	5.50	7.29	12.00	4.79
3.50	9.12	6.00	6.97	13.00	4.76
3.75	8.97	7.00	6.31	14.00	4.76
4.00	8.62	7.50	5.92	15.00	4.68
4.25	8.40	8.00	5.32		

Lake # 226 NE 25 MAY 76 (Day 145) Time: 09 00 CDT
Air Temperature: 14.3 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.75 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 13.57 (C)
Surface Temperature: 15.62 (C)
Epilimnion Temperature: 15.64 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 5.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.62	3.50	11.00	7.00	6.22
1.00	15.64	3.75	10.34	8.00	5.68
2.00	15.51	4.00	10.00	9.00	5.34
2.25	15.34	4.25	9.48	10.00	5.07
2.50	14.82	4.50	9.13	11.00	5.07
2.75	14.21	4.75	8.64	12.00	5.02
3.00	13.26	[illegible]	8.34	13.00	5.02
3.25	11.95	6.00	7.09	13.60	5.01

Lake # 226 NE 22 JUN 76 (Day 173) Time: 09 45 CDT
Air Temperature: 20.1 (C) Wind: 0 - 3 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 17.36 (C)
Surface Temperature: 19.21 (C)
Epilimnion Temperature: 18.91 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 7.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.21	4.50	13.46	8.00	6.06
1.00	18.91	4.75	11.95	9.00	5.67
2.00	18.76	5.00	10.53	10.00	5.43
3.00	18.20	5.25	9.61	11.00	5.38
3.50	17.44	5.50	9.14	12.00	5.30
3.75	16.84	6.00	8.56	13.00	5.22
4.00	16.16	6.50	7.38	13.30	5.19
4.25	14.24	7.00	6.88		

Lake # 226 NE 8 JUN 76 (Day 159) Time: 14 40 CDT
Air Temperature: 25 (C) Wind: -
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.9 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.42 (C)
Epilimnion Temperature: 23 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 9.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.42	3.75	14.07	6.50	7.18
1.00	23.00	4.00	13.20	7.00	6.58
2.00	22.73	4.25	11.95	8.00	5.98
2.25	22.65	4.50	11.18	9.00	5.57
2.50	22.13	4.75	10.28	10.00	5.37
2.75	20.39	5.00	9.70	11.00	5.29
3.00	18.85	5.50	8.48	12.00	5.26
3.25	16.56	6.00	7.80	12.80	5.23
3.50	15.59				

Lake # 226 NE 6 JUL 76 (Day 187) Time: 10 30 CDT
Air Temperature: 26.7 (C) Wind: 16 - 24 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.9 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 23.8 (C)
Surface Temperature: 23.54 (C)
Epilimnion Temperature: 23.39 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 5.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.54	3.75	18.06	6.00	9.14
1.00	23.39	4.00	17.08	7.00	7.24
2.00	22.32	4.25	16.13	8.00	6.32
2.25	21.98	4.50	14.67	9.00	5.79
2.50	21.73	4.75	13.59	10.00	5.48
2.75	21.39	5.00	12.81	11.00	5.43
3.00	20.87	5.25	11.59	12.00	5.30
3.25	20.23	5.50	10.67	13.00	5.23
3.50	19.48	5.75	9.78	14.00	5.20

Lake # 226 NE 20 JUL 76 (Day 201) Time: 10 00 CDT
Air Temperature: 23.3 (C) Wind: 8 - 16 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.75 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 19.29 (C)
Surface Temperature: 22.07 (C)
Epilimnion Temperature: 21.82 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.07	4.75	14.10	8.00	6.76
1.00	21.82	5.00	12.95	9.00	6.02
2.00	21.68	5.25	12.26	10.00	5.72
3.00	20.97	5.50	11.28	11.00	5.55
3.50	20.50	5.75	10.70	12.00	5.50
3.75	20.03	6.00	9.96	13.00	5.38
4.00	18.82	6.50	8.58	14.00	5.31
4.25	17.40	7.00	7.39	14.30	5.29
4.50	15.66				

Lake # 226 NE 17 AUG 76 (Day 229) Time: 10 45 CDT
Air Temperature: 20.9 (C) Wind: 8 - 16 KMPH
Cloud Cover: 1 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.75 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.36 (C)
Epilimnion Temperature: 20.32 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 7.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.36	4.75	16.75	7.00	8.39
1.00	20.32	5.00	15.07	7.50	7.46
2.00	20.19	5.25	14.03	8.00	6.88
3.00	20.08	5.50	12.82	9.00	6.11
3.50	19.95	5.75	11.51	10.00	5.68
3.75	19.76	6.00	11.20	11.00	5.47
4.00	19.57	6.25	9.45	12.00	5.41
4.25	18.72	6.50	9.15	13.00	5.41
4.50	18.09	6.75	8.58		

Lake # 226 NE 3 AUG 76 (Day 215) Time: 09 40 CDT
Air Temperature: 23 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.1 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.6 (C)
Epilimnion Temperature: 21.58 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 7.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.60	4.50	16.94	8.00	6.49
1.00	21.58	4.75	15.02	9.00	5.98
2.00	21.47	5.00	13.35	10.00	5.70
3.00	21.30	5.25	12.45	11.00	5.55
3.50	20.97	5.50	11.47	12.00	5.50
3.75	20.31	6.00	10.05	13.00	5.45
4.00	19.05	6.50	8.97	14.00	5.42
4.25	17.70	7.00	7.96		

Lake # 226 NE 31 AUG 76 (Day 243) Time: 11 15 CDT
Air Temperature: 25.3 (C) Wind: -
Cloud Cover: 8 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.75 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.65 (C)
Epilimnion Temperature: 19.45 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.65	5.50	13.59	7.75	7.42
1.00	19.45	5.75	12.42	8.00	6.96
2.00	19.44	6.00	11.52	9.00	6.37
3.00	19.33	6.25	10.49	10.00	6.08
4.00	19.18	6.50	9.71	11.00	5.82
4.50	18.80	6.75	9.13	12.00	5.75
4.75	17.78	7.00	8.53	13.00	5.65
5.00	16.30	7.25	8.03	14.00	5.60
5.25	14.86	7.50	7.72	14.30	5.60

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Lake # 226 NE 14 SEP 76 (Day 257) Time: 10 15 CDT
Air Temperature: 8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.65 (C)
Epilimnion Temperature: 17.7 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 5.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.65	5.75	14.07	7.75	7.51
1.00	17.70	6.00	12.81	8.00	7.21
2.00	17.71	6.25	11.53	9.00	6.26
3.00	17.71	6.50	10.24	10.00	5.95
4.00	17.28	6.75	9.58	11.00	5.80
4.50	17.16	7.00	8.97	12.00	5.71
5.00	16.83	7.25	8.33	13.00	5.66
5.25	16.06	7.50	7.81	14.00	5.66
5.50	15.12				

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Lake # 226 NE 28 SEP 76 (Day 271) Time: 10 30 CDT
Air Temperature: 10 (C) Wind: 3 - 8 KMPH
Cloud Cover: 3 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.73 (C)
Epilimnion Temperature: 11.73 (C) Epilimnion Depth (1 C/M): 6.875 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 6.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.73	6.75	11.39	8.75	6.72
1.00	11.73	7.00	10.73	9.00	6.52
2.00	11.72	7.25	9.88	10.00	6.09
3.00	11.70	7.50	8.36	11.00	5.87
4.00	11.70	7.75	7.83	12.00	5.71
5.00	11.69	8.00	7.42	13.00	5.68
6.00	11.68	8.25	7.11	14.00	5.62
6.25	11.65	8.50	6.82	14.20	5.62
6.50	11.61				

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Lake # 226 NE 12 OCT 76 (Day 285) Time: 09 45 CDT
Air Temperature: 10 (C) Wind: -
Cloud Cover: 9 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.64 (C)
Epilimnion Temperature: 8.64 (C) Epilimnion Depth (1 C/M): 8.75 (M)
Planar-Thermocline : 9.125 (M) Change at Planar-Thermo: 2.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.64	6.00	8.56	9.50	6.69
1.00	8.64	7.00	8.52	9.75	6.35
2.00	8.63	8.00	8.43	10.00	6.24
3.00	8.60	8.50	8.26	11.00	5.86
4.00	8.60	9.00	7.53	12.00	5.79
5.00	8.59	9.25	7.03	13.00	5.74

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Lake # 226 NE 26 OCT 76 (Day 299) Time: 09 45 CDT
Air Temperature: -10 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.25 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.44 (C)
Epilimnion Temperature: 4.46 (C) Epilimnion Depth (1 C/M): 13.2 (M)
Planar-Thermocline : 11.5 (M) Change at Planar-Thermo: 0.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.44	5.00	4.47	10.00	4.42
1.00	4.46	6.00	4.46	11.00	4.39
2.00	4.47	7.00	4.46	12.00	4.34
3.00	4.48	8.00	4.44	13.00	4.37
4.00	4.47	9.00	4.43	13.20	4.38

Lake # 226 NE 4 MAY 77 (Day 124) Time: 09 50 CD:
Air Temperature: 11.9 (C)
Cloud Cover: 5 /10
Secchi Visibility: 3.3 (M)
Inflow Temperature:
Surface Temperature: 10.84 (C)
Epilimnion Temperature: 10.61 (C)
Planar-Thermocline : 4.625 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 12.1 (C)
Epilimnion Depth (1 C/M): 1.75 (M)
Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.84	4.00	7.60	8.50	4.70
0.50	10.73	4.25	7.44	9.00	4.63
1.00	10.61	4.50	7.28	9.50	4.56
1.50	10.49	4.75	6.68	10.00	4.50
2.00	9.51	5.00	6.45	10.50	4.48
2.25	9.29	5.50	6.17	11.00	4.46
2.50	9.13	6.00	5.76	11.50	4.35
2.75	8.92	6.50	5.50	12.00	4.29
3.00	8.72	7.00	5.16	12.50	4.24
3.25	8.53	7.50	4.98	13.00	4.24
3.50	8.21	8.00	4.73	13.50	4.24
3.75	7.86				

Lake # 226 NE 1 JUN 77 (Day 152) Time: 08 10 CDT
Air Temperature: 13 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 20.09 (C)
Epilimnion Temperature: 20.17 (C)
Planar-Thermocline : 2.875 (M)
Wind: 6 - 11 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 20.17 (C)
Epilimnion Depth (1 C/M): 2.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.09	4.25	11.37	8.50	5.12
0.50	20.17	4.50	10.55	9.00	5.08
1.00	20.17	4.75	9.75	9.50	4.93
1.50	20.17	5.00	9.12	10.00	4.85
2.00	20.17	5.25	8.53	10.50	4.78
2.50	20.10	5.50	8.04	11.00	4.74
2.75	19.68	5.75	7.45	11.50	4.72
3.00	17.03	6.00	7.07	12.00	4.66
3.25	16.72	6.50	7.03	12.50	4.66
3.50	14.45	7.00	6.54	13.00	4.65
3.75	13.26	7.50	6.34	13.50	4.65
4.00	12.41	8.00	5.42		

Lake # 226 NE 18 MAY 77 (Day 138) Time: 10 20 CDT
Air Temperature: 22.4 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 19.76 (C)
Epilimnion Temperature: 19.29 (C)
Planar-Thermocline : 2.125 (M)
Wind: -
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature: 19.56 (C)
Epilimnion Depth (1 C/M): 1.75 (M)
Change at Planar-Thermo: 6.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.76	3.75	10.40	8.50	4.93
0.50	19.36	4.00	9.85	9.00	4.91
1.00	19.29	4.50	8.52	9.50	4.70
1.50	19.17	5.00	7.60	10.00	4.77
2.00	17.89	5.50	6.97	10.50	4.76
2.25	16.38	6.00	6.32	11.00	4.72
2.50	15.00	6.50	5.66	11.50	4.66
2.75	13.69	7.00	5.47	12.00	4.66
3.00	12.80	7.50	5.09	12.50	4.64
3.25	12.15	8.00	5.06	13.00	4.64
3.50	11.16				

Lake # 226 NE 15 JUN 77 (Day 166) Time: 09 30 CDT
Air Temperature: 17.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.1 (M)
Inflow Temperature:
Surface Temperature: 17.22 (C)
Epilimnion Temperature: 17.39 (C)
Planar-Thermocline : 4.125 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 17.78 (C)
Epilimnion Depth (1 C/M): 3.75 (M)
Change at Planar-Thermo: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.22	4.50	12.42	8.00	5.96
0.50	17.39	4.75	11.27	8.50	5.70
1.00	17.39	5.00	10.34	9.00	5.48
1.50	17.39	5.25	9.66	9.50	5.06
2.00	17.37	5.50	9.05	10.00	4.90
2.50	17.37	6.00	8.12	10.50	4.80
3.00	17.36	6.50	7.45	11.00	4.75
3.50	17.36	7.00	6.60	12.00	4.66
4.00	15.66	7.50	6.20	13.00	4.64
4.25	13.61				

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Lake # 226 NE 29 JUN 77 (Day 180) Time: 09 05 CDT
Air Temperature: 21.9 (C) Wind: 2 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature: 21 (C)
Surface Temperature: 20.95 (C)
Epilimnion Temperature: 20.91 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.95	4.25	15.30	8.00	6.43
0.50	20.95	4.50	14.22	8.50	6.04
1.00	20.91	4.75	13.71	9.00	5.68
1.50	20.81	5.00	12.23	9.50	5.43
2.00	20.76	5.25	11.36	10.00	5.01
2.50	20.38	5.50	10.34	10.50	4.99
2.75	18.99	5.75	9.18	11.00	4.90
3.00	18.71	6.00	8.50	11.50	4.80
3.25	18.23	6.25	8.31	12.00	4.75
3.50	17.75	6.50	8.03	12.50	4.75
3.75	16.88	7.00	7.27	13.00	4.71
4.00	16.16	7.50	6.75	13.50	4.71

****

Lake # 226 NE 13 JUL 77 (Day 194) Time: 09 50 CDT
Air Temperature: 18.7 (C) Wind: 8 - 10 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 21.36 (C)
Surface Temperature: 20.95 (C)
Epilimnion Temperature: 20.95 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.95	4.50	14.25	7.50	6.89
1.00	20.95	4.75	13.27	8.00	6.58
2.00	20.86	5.00	12.00	8.50	6.18
2.50	20.81	5.25	11.37	9.00	5.85
3.00	20.67	5.50	10.83	9.50	5.58
3.25	19.86	5.75	9.56	10.00	5.47
3.50	19.09	6.00	8.90	11.00	4.90
3.75	18.07	6.25	8.40	12.00	4.90
4.00	16.88	6.50	8.12	13.00	4.90
4.25	15.82	7.00	7.36	13.50	4.90

****

Lake # 226 NE 27 JUL 77 (Day 208) Time: 09 30 CDT
Air Temperature: 21 (C) Wind: 3 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 2.33 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 22 (C)
Surface Temperature: 22.68 (C)
Epilimnion Temperature: 22.63 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 6.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.68	4.50	14.69	7.50	6.79
1.00	22.63	4.75	13.74	8.00	6.32
2.00	22.63	5.00	12.88	8.50	6.11
3.00	22.39	5.25	11.67	9.00	5.94
3.25	21.71	5.50	10.83	9.50	5.75
3.50	20.59	5.75	9.77	10.00	5.56
3.75	18.90	6.00	9.11	11.00	5.42
4.00	17.46	6.50	8.11	12.00	5.01
4.25	16.16	7.00	7.46	13.00	4.99

****

Lake # 226 NE 10 AUG 77 (Day 222) Time: 09 25 CDT
Air Temperature: 11.8 (C) Wind: 10 - 13 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.95 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 17.5 (C)
Surface Temperature: 19.38 (C)
Epilimnion Temperature: 19.48 (C) Epilimnion Depth (1 C/M): 3.75 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.38	5.00	14.26	8.00	6.51
1.00	19.48	5.25	13.15	8.50	6.20
2.00	19.51	5.50	11.71	9.00	6.04
3.00	19.54	5.75	10.63	10.00	5.66
3.50	19.46	6.00	9.61	11.00	5.52
4.00	18.32	6.25	8.97	12.00	5.37
4.25	17.65	6.50	8.50	13.00	4.94
4.50	17.27	7.00	7.74	14.00	4.90
4.75	14.77	7.50	7.18		

****

Lake # 226 NE 24 AUG 77 (Day 236) Time: 09 30 CDT
Air Temperature: 18 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 16.59 (C)
Epilimnion Temperature: 16.74 (C)
Planar-Thermocline : 5.125 (M)

Wind: 5 - 6 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 15 (C)

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 7.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.59	5.75	12.49	8.50	6.32
1.00	16.74	6.00	11.22	9.00	6.04
2.00	16.74	6.25	9.66	10.00	5.66
3.00	16.74	6.50	9.13	11.00	5.37
4.00	16.69	6.75	8.40	12.00	5.33
5.00	16.16	7.00	7.93	13.00	5.23
5.25	14.35	7.50	7.27	14.00	5.23
5.50	13.57	8.00	6.70		

****

Lake # 226 NE 5 OCT 77 (Day 278) Time:
Air Temperature: 6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.6 (M)
Inflow Temperature:
Surface Temperature: 10.93 (C)
Epilimnion Temperature: 10.99 (C)
Planar-Thermocline : 7.375 (M)

Wind: 16 - 24 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 9.86 (C)

Epilimnion Depth (1 C/M): 6.625 (M)
Change at Planar-Thermo: 6.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.93	6.75	10.54	8.75	6.04
1.00	10.99	7.00	10.28	9.00	5.88
2.00	11.02	7.25	9.16	10.00	5.57
3.00	11.02	7.50	7.57	11.00	5.34
4.00	11.03	7.75	7.25	12.00	5.13
5.00	11.02	8.00	6.94	13.00	5.02
6.00	11.02	8.25	6.74	14.00	4.90
6.50	10.89	8.50	6.26		

****

Lake # 226 NE 21 SEP 77 (Day 264) Time: 09 10 CDT
Air Temperature: 14.3 (C)
Cloud Cover: 9 /10
Secchi Visibility: 1.6 (M)
Inflow Temperature:
Surface Temperature: 14.04 (C)
Epilimnion Temperature: 14.2 (C)
Planar-Thermocline : 5.875 (M)

Wind: -
Weather Description:
Water Color: BROWN
Outflow Temperature: 13 (C)

Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.04	5.75	13.68	7.75	7.55
1.00	14.20	6.00	12.58	8.00	7.08
2.00	14.28	6.25	11.97	9.00	6.29
3.00	14.28	6.50	11.02	10.00	6.04
4.00	14.28	6.75	10.27	11.00	5.78
5.00	14.22	7.00	9.19	12.00	5.51
5.25	14.02	7.25	8.50	13.00	5.47
5.50	13.98	7.50	8.03	13.50	5.41

****

Lake # 226 NE 19 OCT 77 (Day 292) Time: 09 20 CDT
Air Temperature: 3.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.4 (M)
Inflow Temperature:
Surface Temperature: 7.47 (C)
Epilimnion Temperature: 7.47 (C)
Planar-Thermocline : 9.375 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 6.3 (C)

Epilimnion Depth (1 C/M): 9.375 (M)
Change at Planar-Thermo: 2.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.47	7.00	7.49	10.00	6.12
1.00	7.47	8.00	7.47	10.50	5.56
2.00	7.49	9.00	7.44	11.00	5.32
3.00	7.49	9.25	7.46	12.00	5.17
4.00	7.49	9.50	6.73	13.00	5.03
5.00	7.49	9.75	6.46	13.50	5.03
6.00	7.49				

****

Lake # 226 NE 0 NOV 77 (Day 304) Time: 09 00 CST
Air Temperature: 9 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 7.18 (C)
Epilimnion Temperature: 7.18 (C)
Planar-Thermocline : 10.5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 7.2 (C)

Epilimnion Depth (1 C/M): 13.75 (M)
Change at Planar-Thermo: 0.610 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.18	5.00	7.00	10.00	6.73
1.00	7.18	6.00	6.94	11.00	6.12
2.00	7.18	7.00	6.85	12.00	5.52
3.00	7.14	8.00	6.83	13.00	5.23
4.00	7.12	9.00	6.77	13.75	5.23

****

Lake # 226 NE 10 MAY 78 (Day 130) Time: 08.41 CDT
Air Temperature: 16 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 8.69 (C)
Epilimnion Temperature: 8.69 (C)
Planar-Thermocline : 2.625 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 9 (C)

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 1.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.69	3.00	6.87	8.00	4.53
0.50	8.69	3.50	6.20	9.00	4.53
1.00	8.69	4.00	5.76	10.00	4.53
1.50	8.61	4.50	5.29	11.00	4.57
2.00	8.12	5.00	5.16	12.00	4.61
2.25	7.78	6.00	4.71	13.00	4.64
2.50	7.64	7.00	4.56	13.75	4.67
2.75	7.25				

****

Lake # 226 NE 7 JUN 78 (Day 158) Time: 09 02 CDT
Air Temperature: 16.2 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3.3 (M)
Inflow Temperature:
Surface Temperature: 14.88 (C)
Epilimnion Temperature: 14.75 (C)
Planar-Thermocline : 3.625 (M)

Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 14.6 (C)

Epilimnion Depth (1 C/M): 2.875 (M)
Change at Planar-Thermo: 7.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.88	4.00	9.45	7.00	5.05
1.00	14.75	4.25	8.55	8.00	4.65
2.00	14.75	4.50	7.82	9.00	4.68
2.75	14.50	4.75	7.19	10.00	4.63
3.00	13.83	5.00	6.99	11.00	4.58
3.25	12.86	5.50	6.79	12.00	4.58
3.50	12.03	6.00	5.96	13.00	4.58
3.75	10.12	6.50	5.29		

****

Lake # 226 NE 21 JUN 78 (Day 172) Time: 09 25 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 16.87 (C)
Epilimnion Temperature: 16.8 (C)
Planar-Thermocline : 3.625 (M)

Wind: 8 - 13 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 16 (C)

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.87	4.25	10.33	7.00	5.31
1.00	16.80	4.50	9.30	8.00	5.02
2.00	16.74	4.75	8.13	9.00	4.81
3.00	16.70	5.00	7.44	10.00	4.71
3.25	16.40	5.25	7.19	11.00	4.68
3.50	15.26	5.50	6.62	12.00	4.67
3.75	13.31	5.75	6.28	13.00	4.63
4.00	11.64	6.00	6.14	14.20	4.65

****

Lake # 226 NE 5 JUL 78 (Day 186) Time: 08 45 CDT
Air Temperature: 19 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature: 22.3 (C)
Surface Temperature: 22.21 (C)
Epilimnion Temperature: 22.23 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 6.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.21	4.00	13.34	6.50	6.10
1.00	22.23	4.25	11.97	7.00	5.59
2.00	21.92	4.50	11.45	7.50	5.33
2.25	20.87	4.75	9.82	8.00	4.96
2.50	19.53	5.00	9.26	9.00	4.71
2.75	19.10	5.25	8.60	10.00	4.54
3.00	17.41	5.50	7.72	11.00	4.52
3.25	16.49	5.75	7.09	14.00	4.43
3.50	15.04	6.00	6.74	14.50	4.43
3.75	14.31				

Lake # 226 NE 2 AUG 78 (Day 214) Time: 09 10 CDT
Air Temperature: 12.11 (C) Wind: 5 - 6 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: TURBID-GREEN
Inflow Temperature: Outflow Temperature: 19.1 (C)
Surface Temperature: 19.53 (C)
Epilimnion Temperature: 19.53 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 6.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.53	4.75	10.85	7.25	5.41
1.00	19.53	5.00	9.16	7.50	5.27
2.00	19.51	5.25	8.41	7.75	5.16
3.00	19.38	5.50	8.15	8.00	5.07
3.25	18.98	5.75	7.53	9.00	4.56
3.50	17.35	6.00	7.06	10.00	4.48
3.75	15.81	6.25	6.43	11.00	4.39
4.00	14.15	6.50	6.14	12.00	4.37
4.25	12.65	6.75	5.94	13.00	4.36
4.50	11.49	7.00	5.65	14.00	4.33

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Lake # 226 NE 19 JUL 78 (Day 200) Time: 02 30 CDT
Air Temperature: 16.5 (C) Wind: 5 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: TURBID-YELLOW
Inflow Temperature: Outflow Temperature: 21.5 (C)
Surface Temperature: 21.37 (C)
Epilimnion Temperature: 21.43 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 8.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.37	3.75	15.38	6.00	6.91
1.00	21.43	4.00	13.25	6.50	6.11
2.00	21.43	4.25	12.14	7.00	5.55
2.25	20.96	4.50	11.03	7.50	5.22
2.50	20.41	4.75	10.32	8.00	4.60
2.75	20.00	5.00	9.18	9.00	4.46
3.00	19.18	5.25	8.41	10.00	4.39
3.25	18.42	5.50	7.95	11.00	4.30
3.50	16.72	5.75	7.32	13.00	4.22

Lake # 226 NE 16 AUG 78 (Day 228) Time: 09 30 CDT
Air Temperature: 21 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 19.4 (C)
Surface Temperature: 20.48 (C)
Epilimnion Temperature: 20.48 (C) Epilimnion Depth (1 C/M): 2.875 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 8.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.48	4.50	13.08	7.00	5.90
1.00	20.48	4.75	11.57	7.50	5.43
2.00	20.48	5.00	10.44	8.00	5.22
2.75	20.38	5.25	10.10	8.50	5.10
3.00	18.90	5.50	9.26	9.00	4.73
3.25	18.32	5.75	8.63	10.00	4.54
3.50	17.76	6.00	7.83	11.00	4.48
3.75	16.74	6.25	7.10	12.00	4.38
4.00	15.75	6.50	6.69	13.00	4.34
4.25	13.72	6.75	6.20	13.50	4.32

Lake # 226 NE 30 AUG 78 (Day 242) Time: 08 45 CDT
Air Temperature: 11.3 (C)
Cloud Cover: 2 /10
Secchi Visibility: .8 (M)
Inflow Temperature:
Surface Temperature: 17.3 (C)
Epilimnion Temperature: 17.3 (C)
Planar-Thermocline : 4.375 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature: 15.8 (C)

Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: 7.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.30	5.00	11.33	8.00	5.42
1.00	17.30	5.25	10.51	8.50	5.23
2.00	17.30	5.30	9.37	9.00	5.00
3.00	17.30	5.75	8.68	10.00	4.49
3.75	16.38	6.00	8.12	11.00	4.42
4.00	15.95	6.25	7.54	12.00	4.38
4.25	15.25	6.50	7.22	13.00	4.34
4.50	13.44	7.00	6.29	14.40	4.36
4.75	12.26	7.50	6.02		

Lake # 226 NE 25 OCT 78 (Day 298) Time: 08 40 CDT
Air Temperature: 7.52 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 7.2 (C)
Epilimnion Temperature: 7.26 (C)
Planar-Thermocline : 9.375 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature: 6.2 (C)

Epilimnion Depth (1 C/M): 9.375 (M)
Change at Planar-Thermo: 2.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.20	7.00	7.26	10.00	5.64
1.00	7.26	8.00	7.22	11.00	5.92
2.00	7.26	9.00	6.86	12.00	5.92
3.00	7.26	9.25	6.74	13.00	4.87
4.00	7.26	9.50	6.02	14.00	4.85
5.00	7.26	9.75	5.85	14.50	4.83
6.00	7.26				

Lake # 226 NE 27 SEP 78 (Day 270) Time: 08 30 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.15 (M)
Inflow Temperature:
Surface Temperature: 12.31 (C)
Epilimnion Temperature: 12.34 (C)
Planar-Thermocline : 6.125 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: TURBID-GREEN
Outflow Temperature: 11.2 (C)

Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.31	5.75	11.68	9.00	5.49
1.00	12.34	6.00	10.60	10.00	5.30
2.00	12.34	6.25	8.95	11.00	4.99
3.00	12.34	6.50	8.33	12.00	4.87
4.00	12.34	6.75	7.49	13.00	4.86
5.00	12.34	7.00	6.81	14.00	4.82
5.50	12.32	8.00	6.14	14.60	4.82

Lake # 226 NE 30 MAY 79 (Day 150) Time: 09 30 CDT
Air Temperature: 17.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 17.31 (C)
Epilimnion Temperature: 17.4 (C)
Planar-Thermocline : 4.875 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature: 16.8 (C)

Epilimnion Depth (1 C/M): 1.375 (M)
Change at Planar-Thermo: 6.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.31	3.50	9.61	6.00	5.82
1.00	17.40	3.75	9.11	7.00	5.43
1.25	17.26	4.00	8.60	8.00	5.37
1.50	16.40	4.25	8.11	9.00	5.11
1.75	15.31	4.50	8.76	10.00	4.81
2.00	14.73	4.75	8.35	11.00	4.73
2.25	13.65	5.00	6.63	12.00	4.72
2.50	12.73	5.25	6.34	13.00	4.71
2.75	12.00	5.50	6.04	14.00	4.60
3.00	10.72	5.75	5.91	14.50	4.58
3.25	10.26				

Lake # 226 NE 27 JUN 79 (Day 178) Time: 09 10 CDT
Air Temperature: 19 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 18.2 (C)
Surface Temperature: 18.72 (C)
Epilimnion Temperature: 18.68 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 7.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.72	4.75	9.89	7.25	5.78
1.00	18.68	5.00	9.36	7.50	5.64
2.00	18.62	5.25	8.60	8.00	5.39
3.00	18.57	5.50	7.78	9.00	5.26
3.25	17.74	5.75	7.58	10.00	4.90
3.50	17.00	6.00	7.10	11.00	4.84
3.75	15.51	6.25	6.75	12.00	4.80
4.00	14.12	6.50	6.50	13.00	4.80
4.25	12.78	6.75	6.28	14.00	4.77
4.50	11.02	7.00	6.03	14.25	4.76

Lake # 226 NE 22 AUG 79 (Day 234) Time: 06 40 CDT
Air Temperature: 18 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.39 (C)
Epilimnion Temperature: 21.39 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 9.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.39	4.75	13.99	7.75	6.40
1.00	21.39	5.00	13.11	8.00	6.18
2.00	20.41	5.25	12.64	8.25	5.98
2.25	19.63	5.50	10.99	8.50	5.88
2.50	19.47	5.75	9.67	8.75	5.74
2.75	19.06	6.00	8.71	9.00	5.61
3.00	18.79	6.25	8.14	10.00	5.31
3.25	18.64	6.50	7.59	11.00	5.21
3.50	18.30	6.75	7.23	12.00	5.11
3.75	17.97	7.00	6.94	13.00	5.09
4.00	17.72	7.25	6.81	14.00	5.01
4.25	17.08	7.50	6.51	14.75	5.01
4.50	16.35				

Lake # 226 NE 25 JUL 79 (Day 206) Time: 08 30 CDT
Air Temperature: 20 (C) Wind: 3 - 6 KMPH
Cloud Cover: 8 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.85 (C)
Epilimnion Temperature: 22.94 (C) Epilimnion Depth (1 C/M): 2.875 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 8.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.85	4.25	15.48	6.75	6.70
1.00	22.94	4.50	13.46	7.00	6.45
2.00	22.94	4.75	12.40	8.00	5.84
2.25	22.74	5.00	11.18	9.00	5.52
2.50	22.60	5.25	10.74	10.00	5.26
2.75	22.43	5.50	9.10	11.00	5.18
3.00	21.94	5.75	8.58	12.00	5.07
3.25	21.28	6.00	7.78	13.00	5.04
3.50	20.36	6.25	7.15	14.00	5.02
3.75	18.42	6.50	7.03	14.25	5.00
4.00	16.70				

Lake # 226 NE 19 SEP 79 (Day 262) Time: 09 00 CDT
Air Temperature: 10 (C) Wind: 3 - 8 KMPH
Cloud Cover: 9 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.48 (C)
Epilimnion Temperature: 14.5 (C) Epilimnion Depth (1 C/M): 5.125 (M
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.280 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.48	6.00	10.53	8.50	6.02
1.00	14.50	6.25	9.21	8.75	5.90
2.00	14.50	6.50	8.52	9.00	5.80
3.00	14.49	6.75	8.00	10.00	5.60
4.00	14.49	7.00	7.60	11.00	5.51
4.75	14.47	7.25	7.24	12.00	5.43
5.00	14.41	7.50	6.87	13.00	5.41
5.25	13.59	7.75	6.56	14.00	5.39
5.50	12.74	8.00	6.38	14.50	5.38
5.75	11.51	8.25	6.12		

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Lake # 226 NE 17 OCT 79 (Day 290) Time: 08 30 CDT
Air Temperature: -.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 6.8 (C)
Epilimnion Temperature: 6.87 (C)
Planar-Thermocline : 9.875 (M)

Wind: -
Weather Description: NO OUTFLOW
Water Color: PALE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.875 (M
Change at Planar-Thermo: 1.520 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.80	9.00	6.78	11.25	5.40
1.00	6.87	9.25	6.71	11.50	5.39
2.00	6.89	9.50	6.55	11.75	5.38
3.00	6.89	9.75	6.41	12.00	5.35
4.00	6.89	10.00	6.03	12.25	5.32
5.00	6.89	10.25	5.80	12.50	5.32
6.00	6.89	10.50	5.68	13.00	5.32
7.00	6.89	10.75	5.48	14.00	5.31
8.00	6.87	11.00	5.48	14.50	5.31

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Lake # 226 NE 15 MAY 80 (Day 135) Time:
Air Temperature: 7.8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 10.49 (C)
Epilimnion Temperature: 10.5 (C)
Planar-Thermocline : 4.125 (M)

Wind: 0 - 1 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature: 10.5 (C)

Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Thermo: 3.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.49	4.50	7.48	6.75	5.31
1.00	10.50	4.75	7.20	7.00	5.21
2.00	10.50	5.00	6.88	8.00	5.00
3.00	10.49	5.25	6.55	9.00	4.76
3.25	10.29	5.50	6.11	10.00	4.69
3.50	10.11	5.75	5.91	11.00	4.63
3.75	9.60	6.00	5.71	12.00	4.60
4.00	8.94	6.25	5.55	13.00	4.59
4.25	8.12	6.50	5.41	14.00	4.56

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Lake # 226 NE 0 NOV 79 (Day 304) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 5.09 (C)
Epilimnion Temperature: 5.09 (C)
Planar-Thermocline : 13.5 (M)

Wind: 10 - 12 KMPH
Weather Description: NO OUTFLOW
Water Color: BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 14.75 (M)
Change at Planar-Thermo: -.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.09	6.00	5.11	11.00	5.11
1.00	5.09	7.00	5.11	12.00	5.11
2.00	5.10	8.00	5.11	13.00	5.11
3.00	5.10	9.00	5.11	14.00	5.16
4.00	5.10	10.00	5.11	14.75	5.16
5.00	5.10				

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Lake # 226 NE 12 JUN 80 (Day 163) Time: 09 00 CDT
Air Temperature: 21.2 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.4 (M)
Inflow Temperature:
Surface Temperature: 17.84 (C)
Epilimnion Temperature: 17.83 (C)
Planar-Thermocline : 3.875 (M)

Wind: 2 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 8.240 (C/M:

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.84	4.50	10.99	6.50	6.00
1.00	17.33	4.75	10.43	6.75	5.99
2.00	17.74	5.00	9.26	7.00	5.82
3.00	17.23	5.25	8.52	8.00	5.22
3.25	16.78	5.50	7.70	9.00	5.00
3.50	16.37	5.75	7.40	10.00	4.83
3.75	15.44	6.00	6.64	11.00	4.75
4.00	13.38	6.25	6.27	12.00	4.70
4.25	11.83				

Lake # 226 NE 10 JUL 80 (Day 191) Time: 09 20 CDT
Air Temperature: 22 (C)
Cloud Cover: 2 /10
Secchi Visibility: .6 (M)
Inflow Temperature:
Surface Temperature: 21.5 (C)
Epilimnion Temperature: 21.4 (C)
Planar-Thermocline : 4.875 (M)

Wind: 7 - 10 KMPH
Weather Description:
Water Color: DARK -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 8.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.50	4.75	13.44	7.25	5.81
1.00	21.40	5.00	11.38	7.50	5.71
2.00	21.29	5.25	9.79	7.75	5.60
3.00	20.52	5.50	8.91	8.00	5.40
3.25	19.95	5.75	8.61	9.00	5.05
3.50	19.46	6.00	7.82	10.00	4.93
3.75	18.94	6.25	7.22	11.00	4.84
4.00	17.31	6.50	6.91	12.00	4.81
4.25	15.80	6.75	6.70	13.00	4.80
4.50	14.59	7.00	6.24	14.00	4.76

Lake # 226 NE 7 AUG 80 (Day 219) Time: 09 07 CDT
Air Temperature: 19 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 20.51 (C)
Epilimnion Temperature: 20.51 (C)
Planar-Thermocline : 4.375 (M)

Wind: 2 - 5 KMPH
Weather Description:
Water Color: DARK -GREEN
Outflow Temperature: 20.2 (C)

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 9.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.51	5.25	12.60	7.50	6.29
1.00	20.51	5.50	11.28	7.75	6.08
2.00	20.49	5.75	10.61	8.00	5.90
3.00	20.43	6.00	9.81	9.00	5.39
4.00	20.15	6.25	8.80	10.00	5.15
4.25	19.26	6.50	7.92	11.00	5.05
4.50	16.89	6.75	7.41	12.00	4.95
4.75	14.62	7.00	6.90	13.00	4.90
5.00	13.54	7.25	6.80	13.75	4.87

Lake # 226 NE 24 JUL 80 (Day 205) Time:
Air Temperature: 23.8 (C)
Cloud Cover: 4 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 22.75 (C)
Epilimnion Temperature: 22.68 (C)
Planar-Thermocline : 3.875 (M)

Wind: 5 - 7 KMPH
Weather Description:
Water Color:
Outflow Temperature: 22 (C)

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.75	4.75	14.19	7.25	6.13
1.00	22.68	5.00	12.79	7.50	5.89
2.00	22.55	5.25	11.37	7.75	5.62
3.00	22.55	5.50	10.06	8.00	5.52
3.25	21.59	5.75	9.31	9.00	5.30
3.50	21.10	6.00	8.60	10.00	5.10
3.75	20.32	6.25	7.92	11.00	4.96
4.00	17.75	6.50	7.36	12.00	4.91
4.25	16.19	6.75	7.01	13.00	4.87
4.50	15.13	7.00	6.64	14.00	4.82

Lake # 226 NE 21 AUG 80 (Day 233) Time:
Air Temperature: 24.9 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 22 (C)
Epilimnion Temperature: 22.53 (C)
Planar-Thermocline : 4.875 (M)

Wind: 5 - 7 KMPH
Weather Description:
Water Color:
Outflow Temperature: 21.8 (C)

Epilimnion Depth (1 C/M): 1.125 (M)
Change at Planar-Thermo: 8.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	3.75	19.59	6.75	7.72
1.00	22.53	4.00	19.00	7.00	7.30
1.25	22.26	4.25	18.52	7.25	6.80
1.50	20.82	4.50	17.35	7.50	6.54
1.75	20.55	4.75	16.10	7.75	6.17
2.00	20.48	5.00	13.98	8.00	5.99
2.25	20.18	5.25	13.00	9.00	5.46
2.50	20.06	5.50	11.96	10.00	5.21
2.75	19.96	5.75	11.14	11.00	5.05
3.00	19.89	6.00	10.33	12.00	4.99
3.25	19.78	6.25	9.38	13.00	4.99
3.50	19.71	6.50	8.51		

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Lake # 226 NE 4 SEP 80 (Day 247) Time: 09 20 CDT
Air Temperature: 17 (C) Wind: 8 - 10 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 1.3 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature: 17.7 (C)
Surface Temperature: 18.5 (C)
Epilimnion Temperature: 18.6 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.50	5.25	13.49	7.50	6.29
1.00	18.60	5.50	12.25	7.75	5.99
2.00	18.50	5.75	11.18	8.00	5.90
3.00	18.30	6.00	10.01	9.00	5.10
4.00	18.30	6.25	9.41	10.00	5.10
4.25	18.10	6.50	8.61	11.00	5.00
4.50	17.65	6.75	8.01	12.00	4.91
4.75	16.79	7.00	7.01	12.50	4.91
5.00	14.89	7.25	6.80		

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Lake # 226 NE 30 OCT 80 (Day 303) Time: 09 00 CDT
Air Temperature: 0 (C) Wind: 2 - 5 KMPH
Cloud Cover: 0 /10 Weather Description: SUNNY
Secchi Visibility: 2.42 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 3.5 (C)
Surface Temperature: 4.08 (C)
Epilimnion Temperature: 4.11 (C) Epilimnion Depth (1 C/M): 14.5 (M)
Planar-Thermocline : 14.25 (M) Change at Planar-Thermo: -.140 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.08	6.00	4.10	11.00	4.11
1.00	4.11	7.00	4.10	12.00	4.11
2.00	4.11	8.00	4.09	13.00	4.11
3.00	4.12	9.00	4.10	14.00	4.19
4.00	4.11	10.00	4.10	14.50	4.26
5.00	4.11				

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Lake # 226 NE 2 OCT 80 (Day 275) Time: 08 15 CDT
Air Temperature: 10.48 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: DRIZZLE
Secchi Visibility: 3 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature: 11.2 (C)
Surface Temperature: 1.44 (C)
Epilimnion Temperature: 11.43 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.44	7.25	9.59	9.00	6.02
1.00	11.43	7.50	8.93	10.00	5.74
2.00	11.38	7.75	7.53	11.00	5.43
3.00	11.36	8.00	7.24	12.00	5.29
4.00	11.07	8.25	6.98	13.00	5.23
5.00	10.71	8.50	6.55	14.00	5.22
6.00	10.59	8.75	6.22	14.50	5.21
7.00	10.21				

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Lake # 226 NE 13 MAY 81 (Day 133) Time: 10 00 CDT
Air Temperature: -1 (C) Wind: -
Cloud Cover: 9 /10 Weather Description: NO WIND
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 12.1 (C)
Surface Temperature: 13.13 (C)
Epilimnion Temperature: 13.05 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 3.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.13	4.00	9.55	8.00	5.36
1.00	13.05	4.25	8.67	9.00	5.23
2.00	12.61	4.50	8.03	10.00	5.20
3.00	11.57	4.75	7.29	11.00	5.16
3.25	11.37	5.00	6.83	12.00	5.14
3.50	11.00	6.00	6.23	13.00	5.04
3.75	10.54	7.00	5.77	14.00	4.72

Lake # 226 NE 27 MAY 81 (Day 147) Time: 09 00 CDT
Air Temperature: 17.6 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 12.9 (C)
Surface Temperature: 15.06 (C)
Epilimnion Temperature: 14.89 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.06	4.50	10.72	8.00	5.44
1.00	14.89	4.75	9.69	9.00	5.20
2.00	14.79	5.00	9.05	10.00	5.13
3.00	14.41	5.50	7.76	11.00	5.04
4.00	13.69	6.00	6.88	12.00	5.00
4.25	11.13	7.00	5.90	13.00	4.96

Lake # 226 NE 24 JUN 81 (Day 175) Time: 11 10 CDT
Air Temperature: 14 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 17.4 (C)
Surface Temperature: 18.06 (C)
Epilimnion Temperature: 18.06 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.06	5.00	15.32	8.00	6.42
1.00	18.06	5.25	13.52	9.00	5.91
2.00	18.12	5.50	12.77	10.00	5.52
3.00	17.98	5.75	11.36	11.00	5.43
3.50	17.67	6.00	9.78	12.00	5.36
4.00	17.29	6.25	8.78	13.00	5.32
4.25	16.67	6.50	8.36	14.00	5.32
4 50	16.36	6.75	7.92	14.25	5.32
4 75	16.01	7.00	7.51		

Lake # 226 NE 10 JUN 81 (Day 161) Time: 09 06 CDT:
Air Temperature: 13.2 (C) Wind: 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.85 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 15 (C)
Surface Temperature: 17.87 (C)
Epilimnion Temperature: 17.96 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 7.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.87	4.50	12.94	6.75	7.19
1.00	17.96	4.75	11.89	7.00	6.84
2.00	17.96	5.00	10.96	8.00	6.04
3.00	17.89	5.25	10.02	9.00	5.70
3.25	17.86	5.50	9.44	10.00	5.45
3.50	17.77	5.75	9.07	11.00	5.33
3.75	16.01	6.00	8.14	12.00	5.25
4.00	14.89	6.25	7.58	13.00	5.23
4.25	13.97	6.50	7.42	14.00	5.22

Lake # 226 NE 8 JUL 81 (Day 189) Time: 09 20 CDT
Air Temperature: -1 (C) Wind: 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 23.2 (C)
Surface Temperature: 25.25 (C)
Epilimnion Temperature: 25.3 (C) Epilimnion Depth (1 C/M): 2.125 (M
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 4.840 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.25	4.25	18.53	6.75	9.45
1.00	25.30	4.50	17.90	7.00	8.89
2.00	24.57	4.75	16.90	7.50	7.54
2.25	23.85	5.00	16.13	8.00	7.10
2.50	22.78	5.25	15.31	9.00	6.26
2.75	22.15	5.50	14.10	10.00	5.83
3.00	21.54	5.75	13.18	11.00	5.51
3.25	21.11	6.00	12.43	12.00	5.43
3.50	20.48	6.25	11.40	13.00	5.36
3.75	19.77	6.50	10.37	14.00	5.36
4.00	19.17				

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Lake # 226 NE 22 JUL 81 (Day 203) Time: 09 45 CDT
Air Temperature: 20 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.5 (C)
Epilimnion Temperature: 22.55 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.50	5.25	15.62	7.50	8.36
1.00	22.55	5.50	15.20	7.75	7.91
2.00	22.86	5.75	13.62	8.00	7.76
3.00	22.76	6.00	12.55	8.50	6.76
4.00	21.65	6.25	11.66	9.00	6.22
4.25	19.55	6.50	11.00	10.00	5.86
4.50	19.27	6.75	9.98	11.00	5.42
4.75	18.16	7.00	9.87	12.00	5.31
5.00	16.71	7.25	8.78	12.50	5.30

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Lake # 226 NE 5 AUG 81 (Day 217) Time:
Air Temperature: 24 (C) Wind: 0 - 5 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 16 (C)
Surface Temperature: 23.12 (C)
Epilimnion Temperature: 23.04 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.12	5.50	15.30	8.25	7.20
1.00	23.04	5.75	14.12	8.50	6.90
2.00	22.88	6.00	13.39	8.75	6.61
3.00	22.89	6.25	12.25	9.00	6.40
4.00	21.71	6.50	11.46	10.00	5.94
4.25	21.03	6.75	10.38	11.00	5.59
4.50	20.31	7.00	9.81	12.00	5.42
4.75	19.47	7.25	9.53	13.00	5.31
5.00	18.04	7.50	8.97	14.00	5.31
5.25	16.72	8.00	7.65		

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Lake # 226 NE 19 AUG 81 (Day 231) Time: 09 30 CDT
Air Temperature: 18.9 (C) Wind: 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature: 16 (C)
Surface Temperature: 18.7 (C)
Epilimnion Temperature: 18.7 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 7.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.70	5.75	13.32	7.75	7.06
1.00	18.70	6.00	12.36	8.00	6.65
2.00	18.62	6.25	11.75	9.00	5.65
3.00	18.60	6.50	11.12	10.00	4.84
4.00	18.60	6.75	10.27	11.00	3.58
4.50	18.50	7.00	8.35	12.00	3.58
5.00	17.02	7.25	7.87	13.00	3.58
5.25	15.82	7.50	7.38	14.00	3.58
5.50	14.78				

Lake # 226 NE 2 SEP 81 (Day 245) Time: 10 16 CDT
Air Temperature: 14.5 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.12 (C)
Epilimnion Temperature: 20.12 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 7.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.12	5.25	17.64	7.75	8.27
1.00	20.12	5.50	16.12	8.00	7.83
2.00	20.12	5.75	15.28	8.50	7.01
3.00	20.12	6.00	14.21	9.00	6.52
4.00	20.12	6.25	13.17	10.00	5.86
4.25	19.18	6.75	11.46	11.00	5.59
4.50	19.62	7.00	10.90	12.00	5.42
4.75	19.50	7.25	9.15	13.00	5.42
5.00	19.32	7.50	8.54	65.00	12.18

Lake # 226 NE 0 OCT 81 (Day 273) Time: 09 15 CDT
Air Temperature: 10.75 (C) Wind: 20 - 25 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature: 8 (C)
Surface Temperature: 11.85 (C)
Epilimnion Temperature: 11.85 (C) Epilimnion Depth (1 C/M): 9.125 (M)
Planar-Thermocline : 9.375 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.85	7.00	11.83	10.00	6.64
1.00	11.85	8.00	11.67	11.00	5.93
2.00	11.87	9.00	11.59	12.00	5.75
3.00	11.87	9.25	10.37	13.00	5.47
4.00	11.87	9.50	8.47	14.00	5.39
5.00	11.87	9.75	7.50	15.00	5.39
6.00	11.87				

Lake # 226 NE 16 SEP 81 (Day 259) Time: 11 34 CDT
Air Temperature: 12 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.88 (C)
Epilimnion Temperature: 16.88 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 6.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.88	6.50	14.19	8.50	7.72
1.00	16.88	6.75	12.60	8.75	7.30
2.00	16.90	7.00	11.77	9.00	6.99
3.00	16.90	7.25	10.91	10.00	6.25
4.00	16.90	7.50	9.98	11.00	5.83
5.00	16.86	7.75	9.68	12.00	5.59
6.00	16.71	8.00	9.03	13.00	5.52
6.25	15.45	8.25	8.36	14.00	5.48

Lake # 226 NE 14 OCT 81 (Day 287) Time: 09 18 CDT
Air Temperature: 8 (C) Wind: 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 9 (C)
Surface Temperature: 9.04 (C)
Epilimnion Temperature: 9.04 (C) Epilimnion Depth (1 C/M): 9.125 (M)
Planar-Thermocline : 9.875 (M) Change at Planar-Thermo: 2.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.04	8.00	8.88	10.50	6.36
1.00	9.04	9.00	8.79	10.75	6.18
2.00	9.04	9.25	8.43	11.00	6.02
3.00	9.04	9.50	8.18	12.00	5.70
4.00	9.03	9.75	7.69	13.00	5.52
5.00	8.98	10.00	7.11	14.00	5.49
7.00	8.96	10.25	6.76	15.00	5.48

Lake # 226 NE 28 OCT 81 (Day 301) Time: 09 34 CST
Air Temperature: 4 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.7 (M)
Inflow Temperature:
Surface Temperature: 5.01 (C)
Epilimnion Temperature: 5.03 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: NO WIND
Water Color: YELLOW
Outflow Temperature: 5 (C)

Epilimnion Depth (1 C/M): 13 (M)
Change at Planar-Thermo: -.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.01	5.00	5.05	10.00	5.05
1.00	5.03	6.00	5.05	11.00	5.05
2.00	5.05	7.00	5.05	12.00	5.05
3.00	5.05	8.00	5.05	13.00	5.05
4.00	5.05	9.00	5.05		

Lake # 226 NE 19 MAY 82 (Day 139) Time: 10 15 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 11.56 (C)
Epilimnion Temperature: 11.45 (C)
Planar-Thermocline : 3.875 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 9 (C)

Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.56	4.00	7.73	8.00	4.56
1.00	11.45	4.25	7.26	9.00	4.53
2.00	10.98	4.50	6.69	10.00	4.50
3.00	10.18	4.75	6.46	11.00	4.44
3.25	9.95	5.00	6.25	12.00	4.42
3.50	9.70	6.00	5.50	13.00	4.42
3.75	9.13	7.00	4.94	14.00	4.42

Lake # 226 NE 5 MAY 82 (Day 125) Time: 08 53 CDT
Air Temperature: -1 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 10.35 (C)
Epilimnion Temperature: 10.35 (C)
Planar-Thermocline : 1.375 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.375 (M)
Change at Planar-Thermo: 4.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.35	2.50	6.44	8.00	4.52
1.00	10.35	2.75	6.06	9.00	4.40
1.25	10.23	3.00	5.50	10.00	4.36
1.50	9.21	4.00	5.07	11.00	4.34
1.75	8.34	5.00	4.88	12.00	4.33
2.00	7.92	6.00	4.71	13.00	4.37
2.25	7.43	7.00	4.59	14.00	4.42

Lake # 226 NE 2 JUN 82 (Day 153) Time: 09 50 CDT
Air Temperature: 12.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 15.53 (C)
Epilimnion Temperature: 15.53 (C)
Planar-Thermocline : 2.625 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 16 (C)

Epilimnion Depth (1 C/M): 2.625 (M)
Change at Planar-Thermo: 6.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.53	4.00	9.22	7.00	4.95
1.00	15.53	4.25	8.52	8.00	4.58
2.00	15.40	4.50	8.02	9.00	4.35
2.25	15.26	4.75	7.43	10.00	4.22
2.50	15.22	5.00	6.99	11.00	4.18
2.75	13.53	5.25	6.40	12.00	4.14
3.00	12.53	5.50	6.11	13.00	4.13
3.25	11.62	5.75	5.93	14.00	4.13
3.50	11.12	6.00	5.61	15.00	4.13
3.75	10.25				

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Lake # 226 NE 16 JUN 82 (Day 167) Time: 09 20 CDT
Air Temperature: 15 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.86 (C)
Epilimnion Temperature: 16.88 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 5.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.86	4.00	12.21	7.00	5.34
1.00	16.88	4.25	11.11	8.00	4.68
2.00	16.88	4.50	9.66	9.00	4.43
2.25	16.82	4.75	9.04	10.00	4.33
2.50	16.27	5.00	8.23	11.00	4.38
2.75	15.94	5.25	7.69	12.00	4.21
3.00	15.90	5.50	7.12	13.00	4.21
3.25	15.26	5.75	6.83	14.00	4.18
3.50	14.43	6.00	6.31	15.00	4.20
3.75	13.43				

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Lake # 226 NE 14 JUL 82 (Day 195) Time: 08 37 CDT
Air Temperature: 19 (C) Wind: 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 2.85 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.16 (C)
Epilimnion Temperature: 21.16 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.16	4.25	14.46	6.75	6.43
1.00	21.16	4.50	13.33	7.00	6.04
2.00	21.14	4.75	12.93	8.00	5.24
2.25	21.08	5.00	11.47	9.00	4.81
2.50	20.96	5.25	10.44	10.00	4.57
2.75	20.54	5.50	9.71	11.00	4.49
3.00	19.93	5.75	8.79	12.00	4.40
3.25	19.33	6.00	8.08	13.00	4.32
3.50	18.57	6.25	7.30	14.00	4.32
3.75	17.55	6.50	6.96	15.00	4.32
4.00	16.28				

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Lake # 226 NE 0 JUL 82 (Day 181) Time: 08 50 CDT
Air Temperature: 20 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 20.38 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 8.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	4.75	11.34	7.00	6.19
1.00	20.38	5.00	10.42	8.00	5.83
2.00	20.16	5.25	9.44	9.00	5.71
3.00	19.87	5.50	8.69	10.00	5.60
3.25	19.02	5.75	8.37	11.00	5.54
3.50	17.98	6.00	7.92	12.00	5.51
3.75	15.96	6.25	7.03	13.00	5.46
4.00	14.41	6.50	6.62	14.00	5.43
4.25	13.63	6.75	6.26	15.00	5.43
4.50	12.66				

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Lake # 226 NE 28 JUL 82 (Day 209) Time: 09 35 CDT
Air Temperature: 19.5 (C) Wind: 0 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.02 (C)
Epilimnion Temperature: 22.93 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.02	4.00	17.00	6.50	7.11
1.00	22.93	4.25	15.52	6.75	6.71
2.00	22.85	4.50	13.85	7.00	6.44
2.25	22.82	4.75	12.93	8.00	5.44
2.50	22.80	5.00	11.65	9.00	4.90
2.75	22.49	5.25	10.40	10.00	4.65
3.00	21.96	5.50	9.23	11.00	4.53
3.25	20.45	5.75	8.63	12.00	4.43
3.50	19.31	6.00	8.03	13.00	4.41
3.75	18.14	6.25	7.31	14.00	4.40

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Lake # 226 NE 11 AUG 82 (Day 223) Time: 10 02 CDT
Air Temperature: 19 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.51 (C)
Epilimnion Temperature: 19.55 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.51	5.00	12.54	7.00	6.44
1.00	19.55	5.25	11.43	8.00	5.57
2.00	19.40	5.50	10.82	9.00	5.09
3.00	19.32	5.75	9.77	10.00	4.72
4.00	18.28	6.00	8.41	11.00	4.67
4.25	16.23	6.25	7.90	12.00	4.51
4.50	14.76	6.50	7.21	13.00	4.48
4.75	13.76	6.75	6.88		

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Lake # 226 NE 8 SEP 82 (Day 251) Time: 09 12 CDT
Air Temperature: 18 (C) Wind: 10 - 15 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.89 (C)
Epilimnion Temperature: 15.84 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.89	5.50	12.27	8.00	5.81
1.00	15.84	5.75	10.95	9.00	5.21
2.00	15.79	6.00	10.05	10.00	4.80
3.00	15.74	6.25	8.92	11.00	4.69
4.00	15.62	6.50	8.32	12.00	4.60
5.00	14.72	6.75	7.80	13.00	4.56
5.25	13.43	7.00	7.27		

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Lake # 226 NE 25 AUG 82 (Day 237) Time: 11 50 CDT
Air Temperature: 13 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.29 (C)
Epilimnion Temperature: 19.32 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 9.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.29	5.00	12.83	7.00	6.70
1.00	19.32	5.25	12.02	8.00	5.80
2.00	19.33	5.50	11.32	9.00	5.17
3.00	19.33	5.75	10.48	10.00	4.89
4.00	19.33	6.00	9.13	11.00	4.76
4.25	17.06	6.25	8.37	12.00	4.65
4.50	15.43	6.50	7.73	13.00	4.60
4.75	14.05	6.75	7.20	14.00	4.55

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Lake # 226 NE 22 SEP 82 (Day 265) Time: 10 15 CDT
Air Temperature: 14 (C) Wind: 5 - 10 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.33 (C)
Epilimnion Temperature: 13.33 (C) Epilimnion Depth (1 C/M): 5.875 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 6.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.33	6.00	11.21	8.00	6.04
1.00	13.33	6.25	10.23	9.00	5.25
2.00	13.23	6.50	8.62	10.00	4.88
3.00	13.20	6.75	7.95	11.00	4.66
4.00	13.13	7.00	7.51	12.00	4.61
5.00	13.13	7.25	7.01	13.00	4.53
5.25	12.97	7.50	6.72	14.00	4.49
5.50	12.74	7.75	6.21	14.75	4.49
5.75	12.55				

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Lake # 226 NE 6 OCT 82 (Day 279) Time: 08 35 CDT
Air Temperature: 5 (C) Wind: 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.72 (C)
Epilimnion Temperature: 9.72 (C) Epilimnion Depth (1 C/M): 6.5 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.72	6.00	9.62	9.00	5.41
1.00	9.72	7.00	6.52	10.00	4.95
2.00	9.75	7.25	9.42	11.00	4.70
3.00	9.75	7.50	9.03	12.00	4.55
4.00	9.72	7.75	7.54	13.00	4.50
5.00	9.72	8.00	6.50	14.00	4.50

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Lake # 226 NE 20 OCT 82 (Day 293) Time: 09 35 CDT
Air Temperature: 10 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.57 (C)
Epilimnion Temperature: 6.69 (C) Epilimnion Depth (1 C/M): 10.125 (M)
Planar-Thermocline : 10.125 (M) Change at Planar-Thermo: 3.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.57	7.00	6.81	10.75	4.71
1.00	6.69	8.00	6.81	11.00	4.70
2.00	6.71	9.00	6.91	12.00	4.60
3.00	6.77	10.00	6.11	13.00	4.50
4.00	6.81	10.25	5.36	14.00	4.45
5.00	6.81	10.50	5.11	15.00	4.45
6.00	6.81				

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Lake # 226 SW 1 MAY 73 (Day 121) Time: 11 45 CDT
Air Temperature: 10 (C) Wind: 16 - 32 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.7 (C)
Epilimnion Temperature: 5.7 (C) Epilimnion Depth (1 C/M): 9.8 (M)
Planar-Thermocline : 9.4 (M) Change at Planar-Thermo: 0.350 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.70	4.00	5.63	8.00	5.54
1.00	5.70	5.00	5.63	9.00	5.51
2.00	5.65	6.00	5.57	9.80	5.23
3.00	5.65	7.00	5.57		

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Lake # 226 SW 14 MAY 73 (Day 134) Time: 09 00 CDT
Air Temperature: 1.6667 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.75 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.04 (C)
Epilimnion Temperature: 10.04 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 3.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.04	4.25	8.83	6.00	6.45
1.00	10.04	4.50	8.30	7.00	6.04
2.00	10.00	4.75	7.65	8.00	5.83
3.00	9.89	5.00	7.26	9.00	5.65
4.00	9.60	5.50	6.55	10.00	5.65

Lake # 226 SW 29 MAY 73 (Day 149) Time: 09 00 CDT
Air Temperature: 10 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 15.6 (C)
Epilimnion Temperature: 15.5 (C)
Planar-Thermocline : 3.875 (M)

Wind: -
Weather Description: CALM
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.60	3.50	14.10	6.00	7.20
1.00	15.50	3.75	13.40	7.00	6.50
2.00	15.48	4.00	11.20	8.00	6.11
3.00	15.35	4.50	10.30	9.00	5.95
3.25	14.15	5.00	8.92	10.10	5.90

Lake # 226 SW 26 JUN 73 (Day 177) Time: 09 00 CDT
Air Temperature: 15.556 (C)
Cloud Cover: 10 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 20.52 (C)
Epilimnion Temperature: 20.52 (C)
Planar-Thermocline : 4.875 (M)

Wind: -
Weather Description: RAINING
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 7.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.52	4.25	16.20	6.00	8.60
1.00	20.52	4.50	15.60	7.00	7.15
2.00	20.35	4.75	14.22	8.00	6.55
3.00	18.58	5.00	12.30	9.00	6.25
4.00	17.50	5.50	9.60	10.00	6.05

Lake # 226 SW 12 JUN 73 (Day 163) Time: 09 15 CDT
Air Temperature: 16.5 (C)
Cloud Cover: 1 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 16.9 (C)
Epilimnion Temperature: 16.81 (C)
Planar-Thermocline : 4.625 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.90	4.25	15.38	6.00	8.09
1.00	16.81	4.50	14.10	7.00	6.88
2.00	16.80	4.75	12.10	8.00	6.35
3.00	16.71	5.00	10.90	9.00	5.95
4.00	16.35	5.50	9.18	10.10	5.90

Lake # 226 SW 10 JUL 73 (Day 191) Time: 09 00 CDT
Air Temperature: 23.889 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 22.06 (C)
Epilimnion Temperature: 22 (C)
Planar-Thermocline : 4.875 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.06	4.00	18.72	6.00	10.58
1.00	22.00	4.25	17.75	7.00	9.12
2.00	22.00	4.50	17.41	8.00	7.93
3.00	21.65	4.75	16.21	9.00	6.60
3.50	20.15	5.00	14.35	10.00	6.50
3.75	19.35	5.50	12.95		

Lake # 226 SW 24 JUL 73 (Day 205) Time: 09 30 CDT
Air Temperature: 21 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 21.18 (C)
Surface Temperature: 21.59 (C)
Epilimnion Temperature: 21.64 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.59	4.50	17.02	6.00	11.39
1.00	21.64	4.75	15.58	7.00	9.00
2.00	21.64	5.00	14.72	8.00	7.24
3.00	21.62	5.25	13.25	9.00	6.50
4.00	19.73	5.50	12.58	9.50	6.38
4.25	18.20	5.75	11.76		

Lake # 226 SW 21 AUG 73 (Day 233) Time: 09 30 CDT
Air Temperature: 21 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.07 (C)
Epilimnion Temperature: 22.05 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 6.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.07	4.75	17.00	6.50	10.28
1.00	22.05	5.00	16.12	6.75	9.79
2.00	21.99	5.25	15.19	7.00	9.36
3.00	21.94	5.50	13.77	8.00	8.05
4.00	19.71	5.75	12.21	9.00	6.92
4.25	18.80	6.00	11.48	9.75	6.72
4.50	17.79	6.25	10.76		

Lake # 226 SW 7 AUG 73 (Day 219) Time: 09 00 CDT
Air Temperature: 18.333 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.2 (C)
Epilimnion Temperature: 22.2 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.20	4.75	17.90	6.50	10.75
1.00	22.20	5.00	16.00	7.00	8.50
2.00	22.05	5.25	14.40	8.00	8.05
3.00	20.70	5.50	13.90	9.00	7.25
3.50	19.80	5.75	13.30	10.00	6.95
4.00	19.45	6.00	11.85	10.50	6.70

Lake # 226 SW 4 SEP 73 (Day 247) Time: 09 30 CDT
Air Temperature: 17 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.49 (C)
Epilimnion Temperature: 20.52 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 5.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.49	4.75	18.36	6.25	11.96
1.00	20.52	5.00	17.32	6.50	11.17
2.00	20.52	5.25	16.08	7.00	9.74
3.00	20.54	5.50	14.62	8.00	7.95
4.00	20.50	5.75	13.72	9.00	7.09
4.50	19.66	6.00	12.75	9.75	6.94

Lake # 226 SW 18 SEP 73 (Day 261) Time: 10 00 CDT
Air Temperature: 14.7 (C) Wind: -
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.65 (C)
Epilimnion Temperature: 14.59 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 6.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.65	5.00	14.52	7.00	10.27
1.00	14.59	6.00	14.49	8.00	8.71
2.00	14.57	6.25	13.67	9.00	7.62
3.00	14.57	6.50	11.98	10.00	7.02
4.00	14.57	6.75	10.97		

Lake # 226 SW 25 SEP 73 (Day 268) Time: 09 45 CDT
Air Temperature: 13.57 (C) Wind: -
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.4 (C)
Epilimnion Temperature: 12.37 (C) Epilimnion Depth (1 C/M): 7.5 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 3.290 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.40	4.00	12.29	8.00	8.58
1.00	12.37	5.00	12.26	9.00	7.42
2.00	12.31	6.00	12.20	10.00	7.05
3.00	12.30	7.00	11.87		

Lake # 226 SW 2 OCT 73 (Day 275) Time: 09 30 CDT
Air Temperature: 16.5 (C) Wind: 0 - 2 KMPH
Cloud Cover: 1 /10 Weather Description: WIND VARIES
Secchi Visibility: 3.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.35 (C)
Epilimnion Temperature: 13.34 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 4.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.35	6.00	12.20	8.50	8.52
1.00	13.34	7.00	11.35	8.75	8.27
2.00	13.30	7.25	10.29	9.00	8.02
3.00	13.05	7.50	9.84	9.25	7.87
4.00	12.82	7.75	9.27	9.50	7.85
4.50	12.65	8.00	8.92	9.75	7.72
5.00	12.47	8.25	8.64	9.80	7.72

Lake # 226 SW 16 OCT 73 (Day 289) Time: 09 15 CDT
Air Temperature: 4.18 (C) Wind: 16 - 32 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.81 (C)
Epilimnion Temperature: 9.81 (C) Epilimnion Depth (1 C/M): 8.5 (M)
Planar-Thermocline : 8.5 (M) Change at Planar-Thermo: 1.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.81	4.00	9.81	8.00	9.81
1.00	9.81	5.00	9.81	9.00	8.31
2.00	9.81	6.00	9.81	9.75	7.47
3.00	9.81	7.00	9.81		

Lake # 226 SW 24 OCT 73 (Day 297) Time: 14 10 CST
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.2 (C)
Epilimnion Temperature: 9.1 (C)
Planar-Thermocline : .25 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.5 (M)
Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.20	3.00	8.80	7.00	8.60
0.50	9.10	4.00	8.80	8.00	8.40
1.00	9.10	5.00	8.70	9.00	8.20
2.00	9.00	6.00	8.70	9.50	8.20

Lake # 226 SW 18 DEC 73 (Day 352) Time: 14 00 CST
Air Temperature: -15 (C)
Cloud Cover: 3 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .7 (C)
Epilimnion Temperature: 1.82 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.70	4.00	3.40	8.00	4.00
1.00	1.82	5.00	3.59	9.00	4.05
2.00	2.65	6.00	3.71	10.00	4.10
3.00	3.32	7.00	3.92	10.10	4.10

Lake # 226 SW 30 OCT 73 (Day 303) Time: 09 00 CST
Air Temperature: 7.2 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.75 (M)
Inflow Temperature:
Surface Temperature: 7.79 (C)
Epilimnion Temperature: 7.79 (C)
Planar-Thermocline : 9.375 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.75 (M)
Change at Planar-Thermo: 0.027 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.79	4.00	7.79	8.00	7.79
1.00	7.79	5.00	7.79	9.00	7.79
2.00	7.79	6.00	7.79	9.75	7.77
3.00	7.79	7.00	7.79		

Lake # 226 SW 22 JAN 74 (Day 22) Time: 14 30 CST
Air Temperature: -6.6667 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .7 (C)
Epilimnion Temperature: 1.45 (C)
Planar-Thermocline : 1.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .625 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.50	4.00	3.75	8.00	4.02
1.00	1.45	5.00	3.85	9.00	4.20
2.00	2.95	6.00	3.85	10.00	4.22
3.00	3.68	7.00	3.95		

Lake # 226 SW 27 FEB 74 (Day 58) Time: 09 20 CST
Air Temperature: -15 (C) Wind: 8 - 16 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .7 (C)
Epilimnion Temperature: 1.29 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	1.05	4.00	4.00	8.00	4.40
1.00	1.29	5.00	4.15	9.00	4.50
2.00	2.70	6.00	4.21	10.00	4.60
3.00	3.62	7.00	4.30	10.10	4.68

Lake # 226 SW 14 MAY 74 (Day 134) Time: 09 15 CST
Air Temperature: 4.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: RAINING
Secchi Visibility: 3.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.43 (C)
Epilimnion Temperature: 6.45 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 0.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.43	3.00	6.45	7.00	5.60
0.50	6.45	4.00	6.43	8.00	5.42
1.00	6.45	5.00	5.99	9.00	5.33
2.00	6.48	6.00	5.68	10.00	5.28

Lake # 226 SW 3 APR 74 (Day 93) Time: 09 00 CST
Air Temperature: Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .42 (C)
Epilimnion Temperature: .82 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.42	4.00	3.92	8.00	4.33
1.00	0.82	5.00	4.18	9.00	4.52
2.00	2.38	6.00	4.24	10.00	4.62
3.00	3.38	7.00	4.28	10.10	4.62

Lake # 226 SW 28 MAY 74 (Day 148) Time: 08 45 CST
Air Temperature: 15.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description: WIND VARIES
Secchi Visibility: 3 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.7 (C)
Epilimnion Temperature: 14.59 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.70	3.25	9.65	6.00	5.85
1.00	14.59	3.50	8.62	7.00	5.68
2.00	13.45	3.75	8.10	8.00	5.50
2.50	12.20	4.00	7.71	9.00	5.40
2.75	10.85	5.00	6.79	10.00	5.40
3.00	10.31				

Lake # 226 SW 11 JUN 74 (Day 162) Time: 09 00 CST
Air Temperature: 10 (C)
Cloud Cover: 8 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 16.58 (C)
Epilimnion Temperature: 16.62 (C)
Planar-Thermocline : 3.375 (M)
Wind: 8 - 16 KMPH
Weather Description: POLLEN HEAVY
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.75 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.58	3.50	10.95	7.00	6.15
1.00	16.62	3.75	9.90	8.00	5.80
2.00	16.62	4.00	8.80	9.00	5.65
2.50	16.20	5.00	7.70	10.00	5.58
3.00	14.35	6.00	6.78	10.20	5.55
3.25	13.15				

Lake # 226 SW 9 JUL 74 (Day 190) Time: 08 30 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 23.41 (C)
Epilimnion Temperature: 23.4 (C)
Planar-Thermocline : 3.875 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.41	3.75	17.35	6.00	9.22
1.00	23.40	4.00	14.81	7.00	8.15
2.00	23.40	4.25	12.75	8.00	7.18
3.00	21.01	4.50	11.90	9.00	5.90
3 25	19.99	4.75	11.15	10.00	5.89
3.50	18.64	5.00	10.72		

Lake # 226 SW 25 JUN 74 (Day 176) Time: 09 00 CDT
Air Temperature: 21.1 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 21.05 (C)
Epilimnion Temperature: 20.89 (C)
Planar-Thermocline : 3.375 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 8.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.05	3.75	12.39	6.00	7.31
1.00	20.89	4.00	11.60	7.00	6.43
2.00	20.02	4.25	10.65	8.00	5.96
3.00	17.25	4.50	10.08	9.00	5.76
3.25	16.05	4.75	9.25	10.00	5.68
3.50	13.83	5.00	8.61		

Lake # 226 SW 23 JUL 74 (Day 204) Time: 09 15 CDT
Air Temperature: 21.111 (C)
Cloud Cover: 5 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 23.9 (C)
Epilimnion Temperature: 23.85 (C)
Planar-Thermocline : 3.375 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.90	3.75	18.97	6.00	9.05
1.00	23.85	4.00	17.29	7.00	7.35
2.00	23.80	4.25	15.80	8.00	6.54
3.00	23.52	4.50	13.72	9.00	6.00
3.25	22.65	4.75	12.59	9.80	5.98
3.50	20.25	5.00	11.69		

Lake # 226 SW 6 AUG 74 (Day 218) Time: 09 00 CDT
Air Temperature: 21.1 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.8 (C)
Epilimnion Temperature: 20.65 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.80	4.50	17.50	6.00	9.41
1.00	20.65	4.75	16.20	7.00	7.88
2.00	20.30	5.00	13.48	8.00	7.25
3.00	19.72	5.25	12.08	9.00	6.35
4.00	18.75	5.50	10.80	9.90	6.10
4.25	18.28	5.75	9.85		

Lake # 226 SW 17 AUG 74 (Day 229) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.79 (C)
Epilimnion Temperature: 19.79 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.79	4.50	19.49	6.00	10.85
1.00	19.79	4.75	18.88	7.00	8.82
2.00	19.75	5.00	17.01	8.00	7.46
3.00	19.72	5.25	13.82	9.00	6.45
4.00	19.69	5.50	12.65	10.00	6.32
4.25	19.59	5.75	11.82		

Lake # 226 SW 3 SEP 74 (Day 246) Time: 09 00 CDT
Air Temperature: 10 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.43 (C)
Epilimnion Temperature: 14.43 (C) Epilimnion Depth (1 C/M): 5.5 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 6.560 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.43	5.00	14.42	7.00	8.73
1.00	14.43	6.00	12.67	7.50	7.85
2.00	14.45	6.25	11.71	8.00	7.30
3.00	14.45	6.50	10.85	9.00	6.61
4.00	14.42	6.75	9.21	10.00	6.35

Lake # 226 SW 17 SEP 74 (Day 260) Time: 09 00 CDT
Air Temperature: 10 (C) Wind: 3 - 8 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.02 (C)
Epilimnion Temperature: 13.02 (C) Epilimnion Depth (1 C/M): 6.125 (M
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 7.120 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.02	5.00	13.00	7.00	9.94
1.00	13.02	6.00	12.86	7.50	8.50
2.00	13.02	6.25	12.60	8.00	7.58
3.00	13.02	6.50	12.45	9.00	6.75
4.00	13.02	6.75	11.72	9.90	6.50

Lake # 226 SW 1 OCT 74 (Day 274) Time: 08 20 CDT
Air Temperature: .5 (C)
Cloud Cover: 8 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.66 (C)
Epilimnion Temperature: 9.66 (C)
Planar-Thermocline : 8.375 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 8.125 (M)
Change at Planar-Thermo: 3.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.66	5.00	9.66	8.50	8.00
1.00	9.66	6.00	9.66	8.75	7.72
2.00	9.66	7.00	9.66	9.00	7.20
3.00	9.66	8.00	9.40	10.00	6.78
4.00	9.66	8.25	8.78		

Lake # 226 SW 29 OCT 74 (Day 302) Time: 08 35 CST
Air Temperature: 11.4 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 7.34 (C)
Epilimnion Temperature: 7.3 (C)
Planar-Thermocline : 1.5 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.9 (M)
Change at Planar-Thermo: 0.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.34	4.00	6.46	8.00	5.90
1.00	7.30	5.00	6.32	9.00	5.88
2.00	6.90	6.00	6.20	9.90	5.74
3.00	6.64	7.00	5.98		

Lake # 226 SW 15 OCT 74 (Day 288) Time: 09 30 CDT
Air Temperature: 3.3 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 7.3 (C)
Epilimnion Temperature: 7.38 (C)
Planar-Thermocline : 9.5 (M)

Wind: -
Weather Description: SNOWING
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: 0.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.30	4.00	7.38	8.00	7.38
1.00	7.38	5.00	7.38	9.00	7.38
2.00	7.38	6.00	7.38	10.00	7.20
3.00	7.38	7.00	7.38		

Lake # 226 SW 12 MAY 75 (Day 132) Time: 09 45 CDT
Air Temperature: 15 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 10.61 (C)
Epilimnion Temperature: 10.45 (C)
Planar-Thermocline : 1.25 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: 2.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.61	3.00	7.26	8.00	4.99
1.00	10.45	4.00	6.56	9.00	4.92
1.50	9.37	5.00	6.29	10.00	4.87
2.00	8.45	6.00	5.69	11.00	4.82
2.50	7.91	7.00	5.21	11.70	4.79

Lake # 226 SW 26 MAY 75 (Day 146) Time: 09 00 CDT
Air Temperature: 10 (C)
Cloud Cover: 2 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 18.69 (C)
Epilimnion Temperature: 18.79 (C)
Planar-Thermocline : 2.625 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 9.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.69	3.00	13.73	6.00	6.50
1.00	18.79	3.25	12.44	7.00	5.53
2.00	17.82	3.50	11.36	8.00	5.32
2.25	16.53	3.75	9.64	9.00	5.07
2.50	16.31	4.00	8.88	10.00	4.97
2.75	14.05	5.00	7.15	11.00	4.97

Lake # 226 SW 23 JUN 75 (Day 174) Time: 08 40 CDT
Air Temperature: 17.58 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.34 (M)
Inflow Temperature:
Surface Temperature: 19.33 (C)
Epilimnion Temperature: 19.25 (C)
Planar-Thermocline : 3.75 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 6.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.33	3.50	16.42	8.00	5.99
1.00	19.25	4.00	13.17	9.00	5.64
2.00	19.14	5.00	10.59	10.00	5.37
3.00	18.90	6.00	8.60	11.00	5.32
3.25	17.45	7.00	6.59	11.50	5.32

Lake # 226 SW 9 JUN 75 (Day 160) Time: 09 00 CDT
Air Temperature: 15 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 16.96 (C)
Epilimnion Temperature: 16.96 (C)
Planar-Thermocline : 3.625 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M
Change at Planar-Thermo: 8.400 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.96	3.75	12.54	8.00	5.64
1.00	16.96	4.00	11.04	9.00	5.26
2.00	16.31	4.50	9.74	10.00	5.17
3.00	16.04	5.00	8.88	11.00	5.07
3.25	15.67	6.00	7.75	11.60	5.07
3.50	14.64	7.00	6.18		

Lake # 226 SW 7 JUL 75 (Day 188) Time: 09 00 CDT
Air Temperature: 24.5 (C)
Cloud Cover: 4 /10
Secchi Visibility: 3.3 (M)
Inflow Temperature:
Surface Temperature: 25.62 (C)
Epilimnion Temperature: 25.6 (C)
Planar-Thermocline : 3.875 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 6.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.62	3.50	18.02	7.00	7.14
1.00	25.60	3.75	16.98	8.00	6.17
2.00	25.22	4.00	15.43	9.00	5.88
2.50	23.18	4.50	12.57	10.00	5.56
3.00	20.61	5.00	10.59	11.00	5.42
3.25	19.30	6.00	9.43		

Lake # 226 SW 21 JUL 75 (Day 202) Time: 08 30 CDT
Air Temperature: 20 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 22.53 (C)
Epilimnion Temperature: 22.63 (C)
Planar-Thermocline : 4.125 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.53	4.00	17.66	7.00	7.64
1.00	22.63	4.25	15.51	8.00	6.41
2.00	22.55	4.50	13.83	9.00	6.02
3.00	22.44	4.75	12.87	10.00	5.62
3.25	21.16	5.00	11.59	11.00	5.52
3.50	20.31	6.00	9.10	11.50	5.48
3.75	19.06				

Lake # 226 SW 18 AUG 75 (Day 230) Time: 09 15 CDT
Air Temperature: 14 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 19.01 (C)
Epilimnion Temperature: 19.01 (C)
Planar-Thermocline : 4.875 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.01	4.50	18.15	6.50	8.72
1.00	19.01	4.75	16.67	7.00	7.71
2.00	19.01	5.00	13.25	8.00	6.45
3.00	19.01	5.25	13.00	9.00	6.17
3.50	19.01	5.50	12.46	10.00	5.62
4.00	18.85	5.75	10.74	11.00	5.59
4.25	18.85	6.00	10.45	11.25	5.61

Lake # 226 SW 4 AUG 75 (Day 216) Time: 08 45 CDT
Air Temperature: 17.3 (C)
Cloud Cover: 4 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 22.21 (C)
Epilimnion Temperature: 22.32 (C)
Planar-Thermocline : 4.375 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: 8.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.21	4.25	17.28	5.75	10.01
1.00	22.32	4.50	15.07	6.00	9.47
2.00	22.37	4.75	13.51	7.00	8.34
3.00	22.37	5.00	12.54	8.00	6.94
3.75	19.44	5.25	11.68	9.00	6.29
4.00	18.63	5.50	10.82	10.00	5.69

Lake # 226 SW 1 SEP 75 (Day 244) Time: 08 35 CDT
Air Temperature: 15.8 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 18.25 (C)
Epilimnion Temperature: 18.25 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 5.170 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.25	4.50	17.37	8.00	6.72
1.00	18.25	4.75	17.24	9.00	5.99
2.00	18.25	5.00	16.21	10.00	5.86
3.00	18.12	6.00	11.04	11.00	5.75
4.00	17.98	7.00	8.69	11.75	5.75
4.25	17.61				

Lake # 226 SW 15 SEP 75 (Day 258) Time: 09 30 CDT
Air Temperature: 12.8 (C) Wind: 3 - 8 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.73 (C)
Epilimnion Temperature: 13.78 (C) Epilimnion Depth (1 C/M): 6.25 (M)
Planar-Thermocline : 6.75 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.73	5.00	13.94	8.00	7.21
1.00	13.78	6.00	13.40	9.00	6.50
2.00	13.78	6.50	11.47	10.00	5.96
3.00	13.78	7.00	9.47	11.20	5.80
4.00	13.78				

Lake # 226 SW 13 OCT 75 (Day 286) Time: 09 00 CDT
Air Temperature: 8.3 (C) Wind: 0 - 8 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature: 10.5 (C)
Surface Temperature: 11.36 (C)
Epilimnion Temperature: 11.45 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 3.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.36	6.00	11.34	8.00	8.43
1.00	11.45	7.00	10.93	9.00	6.76
2.00	11.45	7.25	10.59	10.00	6.53
3.00	11.45	7.50	9.77	11.00	6.29
4.00	11.45	7.75	9.20	11.50	6.29
5.00	11.36				

Lake # 226 SW 29 SEP 75 (Day 272) Time: 09 15 CDT
Air Temperature: 15 (C) Wind: 0 - 3 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.51 (C)
Epilimnion Temperature: 13.4 (C) Epilimnion Depth (1 C/M): 6.25 (M)
Planar-Thermocline : 7.75 (M) Change at Planar-Thermo: 3.740 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.51	5.00	12.38	8.00	7.44
1.00	13.40	6.00	12.07	9.00	6.45
2.00	13.19	6.50	11.52	10.00	6.18
3.00	12.76	7.00	10.41	11.00	6.13
4.00	12.54	7.50	9.31	11.50	6.07

Lake # 226 SW 27 OCT 75 (Day 300) Time: 09 15 CST
Air Temperature: 5.71 (C) Wind: 0 - 3 KMPH
Cloud Cover: 0 /10 Weather Description: 1/2 IN. SNOW
Secchi Visibility: 2.4 (M) Water Color: GREEN -BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.27 (C)
Epilimnion Temperature: 7.35 (C) Epilimnion Depth (1 C/M): 11.5 (M)
Planar-Thermocline : 11.25 (M) Change at Planar-Thermo: 0.140 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.27	5.00	7.31	9.00	7.34
1.00	7.35	6.00	7.31	10.00	7.34
2.00	7.36	7.00	7.31	11.00	7.31
3.00	7.35	8.00	7.31	11.50	7.24
4.00	7.31				

Lake # 226 SW 10 NOV 75 (Day 314) Time: 09 15 CST
Air Temperature: 3.9 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: LIGHT SNOW
Secchi Visibility: 3.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.96 (C)
Epilimnion Temperature: 5.96 (C) Epilimnion Depth (1 C/M): 11.2 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.96	5.00	6.02	9.00	6.02
1.00	5.96	6.00	6.02	10.00	5.96
2.00	6.02	7.00	6.02	11.00	5.96
3.00	6.02	8.00	6.02	11.20	5.96
4.00	6.02				

Lake # 226 SW 25 MAY 76 (Day 145) Time: 09 30 CDT
Air Temperature: 14.3 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.35 (C)
Epilimnion Temperature: 15.33 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 6.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.35	4.00	10.51	7.00	6.43
1.00	15.33	4.25	9.14	8.00	5.96
2.00	15.18	4.50	8.83	9.00	5.62
3.00	14.33	4.75	8.11	10.00	5.52
3.25	13.52	5.00	7.94	11.00	5.45
3.50	12.94	6.00	7.22	11.25	5.45
3.75	11.41				

Lake # 226 SW 11 MAY 76 (Day 131) Time: 09 30 CDT
Air Temperature: 5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.52 (C)
Epilimnion Temperature: 9.52 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 1.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.52	4.00	7.93	6.50	6.23
1.00	9.52	4.25	7.68	7.00	6.09
2.00	9.52	4.50	7.42	8.00	5.78
2.25	9.42	4.75	7.25	9.00	5.58
2.50	9.09	5.00	6.96	10.00	5.35
3.00	8.84	5.50	6.69	11.00	5.35
3.50	8.46	6.00	6.47	11.40	5.32
3.75	8.17				

Lake # 226 SW 8 JUN 76 (Day 159) Time: 09 35 CDT
Air Temperature: 23.99 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.3 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.34 (C)
Epilimnion Temperature: 22.31 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.34	3.75	14.57	6.50	7.10
1.00	22.31	4.00	13.12	7.00	6.87
2.00	22.22	4.25	11.72	8.00	6.21
2.50	22.08	4.50	10.74	9.00	5.90
2.75	21.17	4.75	9.96	10.00	5.62
3.00	19.23	5.00	9.40	11.00	5.57
3.25	17.93	5.50	8.52	12.00	5.56
3.50	15.95	6.00	7.90		

Lake # 226 SW 22 JUN 76 (Day 173) Time: 09 15 CDT
Air Temperature: 24.2 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 19.04 (C)
Epilimnion Temperature: 18.83 (C)
Planar-Thermocline : 4.375 (M)
Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.04	4.00	16.25	6.00	8.85
1.00	18.83	4.25	15.25	7.00	7.92
2.00	18.76	4.50	13.47	8.00	6.85
3.00	17.90	4.75	11.78	9.00	6.27
3.25	17.71	5.00	11.04	10.00	6.11
3.50	17.44	5.25	9.99	11.00	5.85
3.75	16.88	5.50	9.59	11.60	5.80

Lake # 226 SW 20 JUL 76 (Day 201) Time: 09 05 CDT
Air Temperature: 24.6 (C)
Cloud Cover: 5 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 21.95 (C)
Epilimnion Temperature: 21.89 (C)
Planar-Thermocline : 4.625 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 9.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.95	4.75	15.64	7.00	8.37
1.00	21.89	5.00	14.19	8.00	7.46
2.00	21.82	5.25	12.72	9.00	6.27
3.00	21.49	5.50	11.70	10.00	6.13
4.00	20.76	5.75	10.75	11.00	6.08
4.25	19.78	6.00	10.14	11.60	6.05
4.50	17.95	6.50	9.17		

Lake # 226 SW 6 JUL 76 (Day 187) Time: 09 20 CDT
Air Temperature: 27 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 23.08 (C)
Epilimnion Temperature: 22.93 (C)
Planar-Thermocline : 5.125 (M)
Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 6.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.08	4.00	17.91	6.00	9.46
1.00	22.93	4.25	16.56	7.00	7.89
2.00	22.64	4.50	15.77	8.00	6.84
2.50	21.86	4.75	14.61	9.00	6.22
3.00	21.09	5.00	13.68	10.00	6.03
3.25	20.68	5.25	12.11	11.00	5.98
3.50	20.38	5.50	11.14	11.40	5.91
3.75	19.09	5.75	10.08		

Lake # 226 SW 3 AUG 76 (Day 215) Time: 09 00 CDT
Air Temperature: 23 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 21.55 (C)
Epilimnion Temperature: 21.55 (C)
Planar-Thermocline : 4.375 (M)
Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.55	4.50	18.10	6.50	9.68
1.00	21.55	4.75	17.06	7.00	8.63
2.00	21.53	5.00	15.83	8.00	7.27
3.00	21.52	5.25	14.52	9.00	6.56
3.50	21.17	5.50	12.98	10.00	6.24
4.00	20.92	5.75	12.04	11.00	6.13
4.25	20.25	6.00	11.10	11.75	6.11

Lake # 226 SW 17 AUG 76 (Day 229) Time: 09 50 CDT
Air Temperature: 20.9 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.9 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.34 (C)
Epilimnion Temperature: 20.3 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 7.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.34	5.25	16.01	7.50	8.19
1.00	20.30	5.50	14.68	8.00	7.55
2.00	20.24	5.75	13.88	8.50	7.09
3.00	20.15	6.00	12.87	9.00	6.67
4.00	19.91	6.25	11.49	10.00	6.43
4.50	19.60	6.50	10.60	11.00	6.27
4.75	19.11	6.75	9.59	11.50	6.27
5.00	17.78	7.00	9.07		

Lake # 226 SW 14 SEP 76 (Day 257) Time: 09 30 CDT
Air Temperature: 8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.81 (C)
Epilimnion Temperature: 17.84 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.81	5.75	15.36	7.75	8.44
1.00	17.84	6.00	14.79	8.00	8.06
2.00	17.85	6.25	13.53	8.25	7.61
3.00	17.85	6.50	12.49	8.50	7.43
4.00	17.45	6.75	11.82	9.00	7.12
4.50	17.42	7.00	10.95	10.00	7.04
5.00	17.20	7.25	9.81	11.00	6.94
5.25	16.83	7.50	9.12	11.25	6.90
5.50	16.09				

Lake # 226 SW 31 AUG 76 (Day 243) Time: 09 15 CDT
Air Temperature: 20.4 (C) Wind: -
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.65 (C)
Epilimnion Temperature: 19.6 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.65	5.75	14.44	7.75	8.26
1.00	19.60	6.00	13.59	8.00	7.94
2.00	19.60	6.25	12.07	8.50	7.42
3.00	19.56	6.50	11.17	9.00	7.14
4.00	19.56	6.75	10.36	10.00	6.71
5.00	18.98	7.00	9.79	11.00	6.51
5.25	17.25	7.25	9.16	11.50	6.49
5.50	15.96	7.50	8.63		

Lake # 226 SW 28 SEP 76 (Day 271) Time: 09 45 CDT
Air Temperature: 10 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.98 (C)
Epilimnion Temperature: 12 (C) Epilimnion Depth (1 C/M): 7.375 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 6.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.98	7.00	11.98	8.50	7.61
1.00	12.00	7.25	11.98	8.75	7.40
2.00	12.00	7.50	11.59	9.00	7.32
3.00	12.00	7.75	10.16	10.00	6.95
4.00	12.00	8.00	8.60	11.00	6.77
5.00	12.00	8.25	7.84	11.30	6.77
6.00	12.00				

Lake # 226 SW 12 OCT 76 (Day 285) Time: 08 45 CDT
Air Temperature: 10 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 9.09 (C)
Epilimnion Temperature: 9.05 (C)
Planar-Thermocline : 9.125 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.125 (M)
Change at Planar-Thermo: 4.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.09	7.00	9.01	10.00	7.06
1.00	9.05	8.00	9.00	10.25	7.03
2.00	9.04	9.00	8.71	10.50	7.00
3.00	9.04	9.25	7.67	10.75	6.94
4.00	9.04	9.50	7.35	11.00	6.83
5.00	9.04	9.75	7.16	11.30	6.82
6.00	9.03				

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Lake # 226 SW 26 OCT 76 (Day 299) Time: 09 00 CDT
Air Temperature: -10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.1 (M)
Inflow Temperature:
Surface Temperature: 4.96 (C)
Epilimnion Temperature: 5.04 (C)
Planar-Thermocline : 11.05 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 11.1 (M)
Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.96	5.00	5.07	9.00	5.06
1.00	5.04	6.00	5.07	10.00	5.07
2.00	5.06	7.00	5.06	11.00	5.08
3.00	5.08	8.00	5.06	11.10	5.09
4.00	5.07				

Lake # 226 SW 4 MAY 77 (Day 124) Time: 08 30 CDT
Air Temperature: 13.62 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 10.76 (C)
Epilimnion Temperature: 10.55 (C)
Planar-Thermocline : 3.875 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: PALE -BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 2.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.76	4.00	6.82	8.00	5.29
0.50	10.69	4.25	6.60	8.50	5.19
1.00	10.55	4.50	6.35	9.00	5.13
1.50	10.46	5.00	5.95	9.50	5.08
2.00	10.26	5.50	5.76	10.00	5.04
2.50	9.54	6.00	5.59	10.50	5.00
3.00	8.75	6.50	5.50	11.00	4.96
3.50	7.63	7.00	5.41	11.50	4.90
3.75	7.39	7.50	5.34	12.00	4.90

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Lake # 226 SW 18 MAY 77 (Day 138) Time: 08 45 CDT
Air Temperature: 24.25 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 19.2 (C)
Epilimnion Temperature: 19.15 (C)
Planar-Thermocline : 2 125 (M)

Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.75 (M)
Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.20	3.50	10.31	7.50	5.66
0.50	19.15	3.75	9.75	8.00	5.55
1.00	19.15	4.00	9.15	8.50	5.37
1.50	19.05	4.50	8.35	9.00	5.31
2.00	17.74	5.00	7.83	9.50	5.09
2.25	15.84	5.50	6.99	10.00	5.07
2.50	14.40	6.00	6.68	10.50	5.01
2.75	13.74	6.50	6.17	11.00	5.08
3.00	12.83	7.00	5.94	11.50	5.08
3.25	12.05				

Lake # 226 SW 1 JUN 77 (Day 152) Time: 09 45 CDT
Air Temperature: 14.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.09 (C)
Epilimnion Temperature: 20.13 (C) Epilimnion Depth (1 C/M): 2.875 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.09	3.75	13.26	7.00	6.59
0.50	20.09	4.00	12.21	7.50	6.39
1.00	20.13	4.25	10.95	8.00	6.27
1.50	20.13	4.50	9.69	8.50	5.45
2.00	20.13	4.75	9.09	9.00	5.40
2.50	20.13	5.00	8.03	9.50	5.26
2.75	20.07	5.25	7.50	10.00	5.23
3.00	16.91	5.50	7.11	10.50	5.23
3.25	14.94	6.00	6.99	11.00	5.22
3.50	14.15	6.50	6.82		

Lake # 226 SW 29 JUN 77 (Day 180) Time: 08 30 CDT
Air Temperature: 18 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: TURBID-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.68 (C)
Epilimnion Temperature: 20.76 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.68	4.25	14.25	7.00	6.81
0.50	20.72	4.50	13.46	7.50	6.46
1.00	20.76	4.75	12.44	8.00	6.24
1.50	20.76	5.00	11.54	8.50	6.91
2.00	20.68	5.25	10.73	9.00	6.73
2.50	19.73	5.50	9.67	9.50	6.65
3.00	18.68	5.75	8.69	10.00	5.56
3.25	17.90	6.00	8.22	10.50	5.56
3.50	17.55	6.25	7.93	11.00	5.61
3.75	17.07	6.50	7.34	11.50	5.61
4.00	15.92	6.75	7.03		

Lake # 226 SW 15 JUN 77 (Day 166) Time: 09 10 CDT
Air Temperature: 17.45 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.17 (C)
Epilimnion Temperature: 17.17 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.17	4.25	14.15	7.50	6.41
0.50	17.17	4.50	12.29	8.00	6.22
1.00	17.17	4.75	11.24	8.50	5.96
1.50	17.17	5.00	10.44	9.00	5.68
2.00	17.17	5.25	9.58	9.50	5.54
2.50	17.17	5.50	8.88	10.00	5.43
3.00	17.12	5.75	8.40	10.50	5.37
3.50	16.97	6.00	7.92	11.00	5.37
3.75	15.73	6.50	7.36	11.50	5.37
4.00	14.86	7.00	6.89		

Lake # 226 SW 13 JUL 77 (Day 194) Time: 09 10 CDT
Air Temperature: 21.2 (C) Wind: 2 - 3 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.95 (C)
Epilimnion Temperature: 20.95 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.95	4.50	14.05	7.00	7.57
1.00	20.95	4.75	13.13	7.50	6.98
2.00	20.90	5.00	12.14	8.00	6.57
2.50	20.86	5.25	11.71	8.50	6.32
3.00	20.76	5.50	10.54	9.00	6.13
3.50	18.72	5.75	9.26	9.50	6.04
3.75	17.31	6.00	8.69	10.00	5.90
4.00	16.30	6.25	8.40	11.00	5.80
4.25	14.63	6.50	8.22	11.50	5.76

Lake # 226 SW 27 JUL 77 (Day 208) Time: 09 00 CDT
Air Temperature: 25.4 (C)
Cloud Cover: 3 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 22.78 (C)
Epilimnion Temperature: 22.73 (C)
Planar-Thermocline : 4.625 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 8.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.78	4.50	15.82	7.50	7.27
1.00	22.73	4.75	13.75	8.00	7.01
2.00	22.68	5.00	12.78	8.50	6.70
3.00	22.55	5.25	12.00	9.00	6.42
3.25	21.72	5.50	10.92	9.50	6.18
3.50	20.48	5.75	9.68	10.00	6.08
3.75	19.28	6.00	9.09	11.00	5.94
4.00	17.43	6.50	8.40	11.50	5.85
4.25	16.50	7.00	8.03		

Lake # 226 SW 24 AUG 77 (Day 236) Time: 09 00 CDT
Air Temperature: 17 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.45 (M)
Inflow Temperature:
Surface Temperature: 17.12 (C)
Epilimnion Temperature: 17.1 (C)
Planar-Thermocline : 6.125 (M)

Wind: 3 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 6.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.12	5.00	15.39	7.00	8.24
1.00	17.10	5.25	13.96	7.50	7.74
2.00	17.07	5.50	12.98	8.00	7.36
3.00	17.07	5.75	12.00	9.00	6.51
4.00	17.02	6.00	11.22	10.00	6.23
4.50	16.77	6.25	9.66	11.00	6.13
4.75	16.28	6.50	9.13	11.50	6.13

Lake # 226 SW 10 AUG 77 (Day 222) Time: 09 15 CDT
Air Temperature: 13.4 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 19.38 (C)
Epilimnion Temperature: 19.48 (C)
Planar-Thermocline : 4.875 (M)

Wind: 10 - 13 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 9.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.38	5.00	12.88	7.50	7.73
1.00	19.48	5.25	12.20	8.00	6.94
2.00	19.51	5.50	11.32	8.50	6.60
3.00	19.53	5.75	11.03	9.00	6.23
3.50	19.48	6.00	10.24	9.50	6.10
4.00	19.00	6.25	9.16	10.00	6.04
4.25	17.94	6.50	8.69	11.00	5.93
4.50	16.70	7.00	7.93	11.50	5.88
4.75	15.25				

Lake # 226 SW 21 SEP 77 (Day 264) Time: 08 20 CDT
Air Temperature: 14.3 (C)
Cloud Cover: 9 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 14.01 (C)
Epilimnion Temperature: 14.02 (C)
Planar-Thermocline : 5.875 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: 5.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.01	6.00	11.97	8.00	7.62
1.00	14.02	6.25	10.96	8.25	7.09
2.00	14.03	6.50	10.17	8.50	6.98
3.00	14.03	6.75	9.27	8.75	6.75
4.00	14.04	7.00	8.77	9.00	6.48
5.00	14.01	7.25	8.41	10.00	6.19
5.50	13.55	7.50	8.20	11.00	6.03
5.75	13.30	7.75	7.84	11.50	6.02

Lake # 226 SW 5 OCT 77 (Day 278) Time: 08 15 CDT
Air Temperature: 6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 11.04 (C)
Epilimnion Temperature: 11.08 (C)
Planar-Thermocline : 6.375 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: 4.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.04	6.50	10.69	8.25	6.88
1.00	11.08	6.75	10.50	8.50	6.75
2.00	11.09	7.00	10.09	8.75	6.46
3.00	11.09	7.25	9.53	9.00	6.28
4.00	11.08	7.50	8.34	10.00	6.06
5.00	11.06	7.75	7.64	11.00	5.96
6.00	11.03	8.00	7.18	11.75	5.93
6.25	11.93				

Lake # 226 SW 19 OCT 77 (Day 292) Time: 08 20 CDT
Air Temperature: 3.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 7.72 (C)
Epilimnion Temperature: 7.73 (C)
Planar-Thermocline : 10.125 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 10.125 (M)
Change at Planar-Thermo: 2.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.72	4.00	7.73	8.00	7.73
1.00	7.73	5.00	7.73	9.00	7.51
2.00	7.73	6.00	7.73	10.00	6.85
3.00	7.73	7.00	7.73	10.25	6.27

Lake # 226 SW 0 NOV 77 (Day 304) Time: 08 20 CST
Air Temperature: 9 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 7.31 (C)
Epilimnion Temperature: 7.31 (C)
Planar-Thermocline : 10.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 11 (M)
Change at Planar-Thermo: 0.510 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.31	4.00	7.26	8.00	7.04
1.00	7.31	5.00	7.24	9.00	7.04
2.00	7.31	6.00	7.16	10.00	7.04
3.00	7.29	7.00	7.12	11.00	6.53

Lake # 226 SW 10 MAY 78 (Day 130) Time: 08 09 CDT
Air Temperature: 15.2 (C)
Cloud Cover: 9 /10
Secchi Visibility: 4.3 (M)
Inflow Temperature:
Surface Temperature: 8.49 (C)
Epilimnion Temperature: 8.52 (C)
Planar-Thermocline : 2.125 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.49	2.75	7.35	6.00	5.06
0.50	8.55	3.00	7.06	6.50	4.96
1.00	8.52	3.50	6.19	7.00	4.56
1.50	8.52	4.00	6.00	8.00	4.61
2.00	8.29	4.50	5.76	9.00	4.66
2.25	7.59	5.00	5.26	10.00	4.86
2.50	7.35	5.50	5.11	11.00	4.96

Lake # 226 SW 24 MAY 78 (Day 144) Time: 08 30 CDT
Air Temperature: 22 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 18.05 (C)
Epilimnion Temperature: 17.58 (C)
Planar-Thermocline : 2.375 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.05	3.00	10.75	6.00	5.86
1.00	17.58	3.25	9.95	6.50	5.04
1.50	16.83	3.50	9.42	7.00	4.96
1.75	16.36	3.75	8.79	8.00	4.83
2.00	15.57	4.00	8.17	9.00	4.83
2.25	14.32	4.50	7.10	10.00	4.86
2.50	12.72	5.00	6.49	11.00	4.90
2.75	11.76	5.50	6.02	11.40	4.94

Lake # 226 SW 21 JUN 78 (Day 172) Time: 08 24 CDT
Air Temperature: 15.28 (C)
Cloud Cover: 6 /10
Secchi Visibility: 5.1 (M)
Inflow Temperature:
Surface Temperature: 16.72 (C)
Epilimnion Temperature: 16.72 (C)
Planar-Thermocline : 3.625 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 8.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.72	4.25	11.07	6.00	6.50
1.00	16.72	4.50	9.53	7.00	5.57
2.00	16.72	4.75	8.61	8.00	5.19
3.00	16.69	5.00	7.88	9.00	5.06
3.25	16.06	5.25	7.48	10.00	4.92
3.50	15.17	5.50	7.01	11.00	4.91
3.75	13.11	5.75	6.69	11.60	4.91
4.00	11.71				

Lake # 226 SW 7 JUN 78 (Day 158) Time: 08 00 CDT
Air Temperature: 7.7 (C)
Cloud Cover: 5 /10
Secchi Visibility: 4.5 (M)
Inflow Temperature:
Surface Temperature: 14.34 (C)
Epilimnion Temperature: 14.49 (C)
Planar-Thermocline : 3.125 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.34	4.00	9.80	6.50	5.55
1.00	14.47	4.25	8.99	7.00	5.21
2.00	14.53	4.50	8.15	7.50	5.09
3.00	14.53	4.75	7.68	8.00	4.93
3.25	13.18	5.00	7.34	9.00	4.85
3.50	11.97	5.50	6.37	10.00	4.80
3.75	11.03	6.00	5.76	11.00	4.80

Lake # 226 SW 5 JUL 78 (Day 186) Time: 08 00 CDT
Air Temperature: 20.62 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 22.13 (C)
Epilimnion Temperature: 22.13 (C)
Planar-Thermocline : 3.875 (M)
Wind: 5 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 6.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.13	3.75	14.89	6.00	6.59
1.00	22.13	4.00	13.15	6.50	6.15
2.00	22.13	4.25	12.86	7.00	5.75
2.50	21.30	4.50	11.18	8.00	5.35
2.75	20.42	4.75	9.53	9.00	4.80
3.00	19.21	5.00	8.68	10.00	4.75
3.25	17.50	5.25	7.61	11.30	4.75
3.50	16.26	5.50	7.13		

Lake # 226 SW 19 JUL 78 (Day 200) Time: 13 30 CDT
Air Temperature: 15.7 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.3 (C)
Epilimnion Temperature: 21.34 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.30	4.25	13.91	6.50	6.67
1.00	21.34	4.50	12.67	7.00	6.19
2.00	21.35	4.75	11.27	7.50	5.61
3.00	20.81	5.00	10.08	8.00	5.22
3.25	19.75	5.25	9.24	9.00	4.66
3.50	17.77	5.50	8.31	10.00	4.60
3.75	16.40	5.75	8.91	11.00	4.59
4.00	15.27	6.00	7.49		

Lake # 226 SW 16 AUG 78 (Day 228) Time: 08 40 CDT
Air Temperature: 21.1 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.75 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.57 (C)
Epilimnion Temperature: 20.58 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.57	4.75	14.18	7.00	6.87
1.00	20.58	5.00	13.25	7.25	6.43
2.00	20.59	5.25	12.00	7.50	6.31
3.00	20.59	5.50	10.75	8.00	5.93
3.50	20.22	5.75	8.80	8.50	5.63
3.75	18.71	6.00	8.60	9.00	5.42
4.00	17.80	6.25	8.14	10.00	5.26
4.25	17.06	6.50	7.89	11.00	5.19
4.50	15.72	6.75	6.96		

Lake # 226 SW 2 AUG 78 (Day 214) Time: 08 17 CDT
Air Temperature: 16.53 (C) Wind: 3 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.9 (C)
Epilimnion Temperature: 19.92 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 8.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.90	4.75	12.56	7.00	6.37
1.00	19.92	5.00	11.41	7.25	6.00
2.00	19.90	5.25	10.41	7.50	5.78
3.00	19.90	5.50	9.18	7.75	5.66
3.50	19.90	5.75	8.59	8.00	5.51
3.75	19.02	6.00	8.10	9.00	5.20
4.00	17.38	6.25	7.52	10.00	5.04
4.25	16.07	6.50	6.86	11.00	5.02
4.50	13.95	6.75	6.42		

Lake # 226 SW 30 AUG 78 (Day 242) Time: 08 10 CDT
Air Temperature: 10 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.75 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.09 (C)
Epilimnion Temperature: 18.11 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 6.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.09	5.00	13.66	7.00	7.73
1.00	18.11	5.25	12.62	7.50	6.86
2.00	18.11	5.50	11.81	8.00	6.33
3.00	18.11	5.75	11.17	8.50	5.90
4.00	17.91	6.00	10.27	9.00	5.82
4.25	17.35	6.25	9.13	10.00	5.70
4.50	16.56	6.50	8.71	11.20	5.64
4.75	15.35	6.75	8.24		

Lake # 226 SW 27 SEP 78 (Day 270) Time: 08 10 CDT
Air Temperature: 9.6 (C) Wind: 2 - 5 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 2.55 (M) Water Color: TURBID-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.65 (C)
Epilimnion Temperature: 12.68 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 6.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.65	6.25	11.14	7.75	7.02
1.00	12.68	6.50	10.54	8.00	6.86
2.00	12.69	6.75	9.61	9.00	6.03
3.00	12.69	7.00	8.62	10.00	5.70
4.00	12.68	7.25	8.13	11.00	5.62
5.00	12.68	7.50	7.83	11.50	5.60
6.00	12.69				

Lake # 226 SW 30 MAY 79 (Day 150) Time: 08 20 CDT
Air Temperature: 18.52 (C) Wind: -
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 2.7 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.56 (C)
Epilimnion Temperature: 17.59 (C) Epilimnion Depth (1 C/M): .25 (M)
Planar-Thermocline : .75 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.56	3.00	10.91	5.50	5.36
0.50	5.05	3.25	10.19	5.75	5.33
1.00	17.59	3.50	9.14	6.00	5.17
1.25	17.56	3.75	7.99	6.25	5.11
1.50	17.55	4.00	6.91	7.00	4.78
1.75	15.72	4.25	6.49	8.00	4.73
2.00	14.57	4.50	6.09	9.00	4.65
2.25	13.57	4.75	5.89	10.00	4.63
2.50	12.76	5.00	5.68	11.00	4.64
2.75	11.59	5.25	5.56	11.20	4.66

Lake # 226 SW 25 OCT 78 (Day 298) Time: 08 25 CDT
Air Temperature: 7.52 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.52 (C)
Epilimnion Temperature: 7.56 (C) Epilimnion Depth (1 C/M): 9.125 (M)
Planar-Thermocline : 9.125 (M) Change at Planar-Thermo: 2.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.52	5.00	7.56	9.25	6.82
1.00	7.56	6.00	7.56	9.50	6.42
2.00	7.56	7.00	7.56	9.75	6.25
3.00	7.56	8.00	7.56	10.00	6.12
4.00	7.56	9.00	7.39		

Lake # 226 SW 27 JUN 79 (Day 178) Time: 08 30 CDT
Air Temperature: 19 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.62 (C)
Epilimnion Temperature: 18.63 (C) Epilimnion Depth (1 C/M): 2.875 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.62	4.00	12.92	6.25	6.26
1.00	18.63	4.25	10.82	6.50	6.03
2.00	18.59	4.50	9.50	6.75	5.96
2.25	18.50	4.75	8.70	7.00	5.78
2.50	18.52	5.00	8.18	8.00	5.19
2.75	18.52	5.25	7.59	9.00	4.82
3.00	18.12	5.50	7.20	10.00	4.76
3.25	17.25	5.75	6.80	11.00	4.76
3.50	16.24	6.00	6.50	11.25	4.78
3.75	14.16				

Lake # 226 SW 25 JUL 79 (Day 206) Time: 08 00 CDT
Air Temperature: 20 (C) Wind: 3 - 6 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.66 (C)
Epilimnion Temperature: 22.7 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.66	4.50	14.16	6.50	7.02
1.00	22.70	4.75	12.75	6.75	6.80
2.00	22.70	5.00	11.38	7.00	6.38
3.00	22.40	5.25	10.42	8.00	5.64
3.25	21.42	5.50	9.54	9.00	5.16
3.50	21.06	5.75	8.68	10.00	5.10
3.75	19.30	6.00	8.18	11.00	5.06
4.00	18.79	6.25	7.56	11.25	5.04
4.25	17.20				

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Lake # 226 SW 22 AUG 79 (Day 234) Time: 06 00 CDT
Air Temperature: 19 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.88 (C)
Epilimnion Temperature: 20.88 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.88	4.25	18.30	6.75	8.23
1.00	20.88	4.50	17.25	7.00	7.67
2.00	20.57	4.75	16.09	7.25	7.21
2.25	20.21	5.00	14.77	7.50	6.81
2.50	19.89	5.25	13.46	7.75	6.49
2.75	19.66	5.50	12.06	8.00	6.32
3.00	19.51	5.75	10.26	9.00	5.61
3.25	19.29	6.00	9.91	10.00	5.38
3.50	19.12	6.25	9.01	11.00	5.30
3.75	18.90	6.50	8.52	11.75	5.28
4.00	18.70				

Lake # 226 SW 19 SEP 79 (Day 262) Time: 08 22 CDT
Air Temperature: 8.4 (C) Wind: 3 - 8 KMPH
Cloud Cover: 9 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 3.9 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.5 (C)
Epilimnion Temperature: 14.6 (C) Epilimnion Depth (1 C/M): 5.625 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 4.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.50	6.50	10.70	9.00	6.41
1.00	14.60	6.75	9.67	9.25	6.29
2.00	14.65	7.00	8.74	9.50	6.18
3.00	14.65	7.25	8.07	9.75	6.07
4.00	14.63	7.50	7.74	10.00	6.00
5.00	14.60	7.75	7.50	10.25	5.98
5.25	14.56	8.00	7.27	10.50	5.91
5.50	14.50	8.25	7.00	10.75	5.90
5.75	13.80	8.50	6.68	11.00	5.84
6.00	12.61	8.75	6.53	11.25	5.81
6.25	11.67				

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Lake # 226 SW 17 OCT 79 (Day 290) Time: 09 30 CDT
Air Temperature: 4.8 (C) Wind: -
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 3.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.43 (C)
Epilimnion Temperature: 7.42 (C) Epilimnion Depth (1 C/M): 9.875 (M)
Planar-Thermocline : 9.875 (M) Change at Planar-Thermo: 2.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.43	8.00	7.39	10.00	6.50
1.00	7.42	8.25	7.34	10.25	6.20
2.00	7.41	8.50	7.29	10.50	6.08
3.00	7.41	8.75	7.29	10.75	6.00
4.00	7.40	9.00	7.29	11.00	5.92
5.00	7.40	9.25	7.24	11.25	5.88
6.00	7.40	9.50	7.09	11.50	5.88
7.00	7.40	9.75	7.00		

Lake # 226 SW 0 NOV 79 (Day 304) Time: 09 00 CDT
Air Temperature: Wind: 10 - 12 KMPH
Cloud Cover: 10 /10 Weather Description: RAIN, NO OF
Secchi Visibility: 2.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.39 (C)
Epilimnion Temperature: 5.41 (C) Epilimnion Depth (1 C/M): 11.25 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.39	5.00	5.42	9.00	5.43
1.00	5.41	6.00	5.42	10.00	5.43
2.00	5.41	7.00	5.43	11.00	5.43
3.00	5.42	8.00	5.43	11.25	5.43
4.00	5.42				

Lake # 226 SW 15 MAY 80 (Day 135) Time:
Air Temperature: 7.5 (C) Wind: 0 - 1 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.3 (C)
Epilimnion Temperature: 10.32 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 4.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.30	4.25	8.00	6.25	6.23
1.00	10.32	4.50	7.43	6.50	6.18
2.00	10.32	4.75	7.25	6.75	6.05
3.00	10.30	5.00	7.03	7.00	5.96
3.25	10.00	5.25	6.88	8.00	5.58
3.50	9.82	5.50	6.72	9.00	5.39
3.75	9.47	5.75	6.62	10.00	5.29
4.00	8.45	6.00	6.51	11.00	5.22

Lake # 226 SW 12 JUN 80 (Day 163) Time: 08 10 CDT
Air Temperature: 21 (C) Wind: 0 - -1 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: ORANGE-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.6 (C)
Epilimnion Temperature: 17.6 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.60	4.25	11.43	6.25	7.20
1.00	17.60	4.50	10.73	6.50	6.88
2.00	17.38	4.75	10.55	6.75	6.63
3.00	17.26	5.00	9.42	7.00	6.40
3.25	16.98	5.25	8.90	8.00	5.84
3.50	16.67	5.50	8.40	9.00	5.52
3.75	15.72	5.75	7.97	10.00	5.44
4.00	12.46	6.00	7.56	11.00	5.39

Lake # 226 SW 10 JUL 80 (Day 191) Time: 08 30 CDT
Air Temperature: 21.5 (C) Wind: 5 - 7 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.34 (C)
Epilimnion Temperature: 21.28 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.34	4.25	17.50	6.25	8.12
1.00	21.28	4.50	16.22	6.50	7.72
2.00	21.20	4.75	15.05	6.75	7.50
3.00	20.71	5.00	12.16	7.00	7.22
3.25	20.18	5.25	10.98	8.00	6.29
3.50	19.94	5.50	10.16	9.00	5.81
3.75	19.50	5.75	9.69	10.00	5.70
4.00	18.36	6.00	8.72	11.00	5.66

Lake # 226 SW 24 JUL 80 (Day 205) Time:
Air Temperature: 23.8 (C) Wind: 5 - 7 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.6 (C)
Epilimnion Temperature: 22.53 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 9.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.60	4.50	17.34	6.75	8.10
1.00	22.53	4.75	16.18	7.00	7.70
2.00	22.35	5.00	14.59	7.25	7.50
3.00	22.16	5.25	13.30	7.50	7.21
3.25	21.82	5.50	12.27	7.75	7.02
3.50	21.66	5.75	11.23	8.00	6.79
3.75	21.39	6.00	9.59	9.00	6.19
4.00	20.41	6.25	9.00	10.00	5.90
4.25	19.75	6.50	8.53	11.00	5.78

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Lake # 226 SW 7 AUG 80 (Day 219) Time: 08 30 CDT
Air Temperature: 18.6 (C) Wind: 2 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.61 (C)
Epilimnion Temperature: 20.63 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 9.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.61	5.00	15.59	7.00	8.19
1.00	20.63	5.25	14.00	7.25	7.89
2.00	20.61	5.50	12.58	7.50	7.59
3.00	20.61	5.75	11.60	7.75	7.30
4.00	20.59	6.00	10.70	8.00	7.05
4.25	20.40	6.25	9.92	9.00	6.20
4.50	19.80	6.50	9.19	10.00	6.00
4.75	17.49	6.75	8.70	11.00	5.89

Lake # 226 SW 21 AUG 80 (Day 233) Time: 11 00 CDT
Air Temperature: 27 (C) Wind: 7 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.27 (C)
Epilimnion Temperature: 22.24 (C) Epilimnion Depth (1 C/M): 1.875 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 7.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.27	3.75	19.99	6.75	9.01
1.00	22.24	4.00	19.93	7.00	8.49
1.25	22.17	4.25	19.75	7.25	8.05
1.50	22.17	4.50	19.13	7.50	7.79
1.75	22.01	4.75	18.18	7.75	7.40
2.00	20.79	5.00	17.06	8.00	7.16
2.25	20.41	5.25	15.85	8.25	6.82
2.50	20.31	5.50	14.66	8.50	6.66
2.75	20.26	5.75	12.69	8.75	6.36
3.00	20.17	6.00	11.07	9.00	6.20
3.25	20.10	6.25	10.15	10.00	6.08
3.50	20.08	6.50	9.42	10.75	6.05

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Lake # 226 SW 4 SEP 80 (Day 247) Time: 08 30 CDT
Air Temperature: 17.2 (C) Wind: 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.8 (C)
Epilimnion Temperature: 18.9 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.80	5.25	16.49	7.50	7.81
1.00	18.90	5.50	14.79	7.75	7.51
2.00	18.90	5.75	12.05	8.00	7.01
3.00	18.70	6.00	11.08	8.25	6.80
4.00	18.50	6.25	10.71	8.50	6.60
4.25	18.30	6.50	10.11	8.75	6.39
4.50	18.20	6.75	9.61	9.00	6.29
4.75	17.95	7.00	8.91	10.00	5.99
5.00	17.05	7.25	8.21	10.80	5.90

Lake # 226 SW 2 OCT 80 (Day 275) Time: 08 15 CDT
Air Temperature: 10.48 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 11.71 (C)
Epilimnion Temperature: 11.76 (C)
Planar-Thermocline : 7.875 (M)
Wind: -
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.125 (M)
Change at Planar-Thermo: 3.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.71	6.00	10.91	8.00	8.74
1.00	11.76	7.00	10.56	9.00	6.91
2.00	11.50	7.25	10.19	10.00	6.70
3.00	11.37	7.50	10.13	11.00	6.62
4.00	11.20	7.75	9.51	11.50	6.60
5.00	11.09				

Lake # 226 SW 13 MAY 81 (Day 133) Time: 09 18 CDT
Air Temperature: 14.1 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 13.19 (C)
Epilimnion Temperature: 13.05 (C)
Planar-Thermocline : 4.625 (M)
Wind: -
Weather Description: NO WIND
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 3.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.19	4.50	8.40	6.00	6.09
1.00	13.05	4.75	7.42	7.00	5.64
2.00	12.39	5.00	7.12	8.00	5.42
3.00	11.12	5.25	6.55	9.00	5.30
4.00	9.91	5.50	6.42	10.00	5.21
4.25	9.37	5.75	6.22	10.25	5.16

Lake # 226 SW 30 OCT 80 (Day 303) Time: 08 40 CDT
Air Temperature: 0 (C)
Cloud Cover: 2 /10
Secchi Visibility: 2.81 (M)
Inflow Temperature:
Surface Temperature: 4.51 (C)
Epilimnion Temperature: 4.52 (C)
Planar-Thermocline : 1.5 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 11.2 (M)
Change at Planar-Thermo: -.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.51	5.00	4.62	9.00	4.62
1.00	4.52	6.00	4.62	10.00	4.62
2.00	4.60	7.00	4.62	11.00	4.66
3.00	4.62	8.00	4.62	11.20	4.66
4.00	4.62				

Lake # 226 SW 27 MAY 81 (Day 147) Time: 08 30 CDT
Air Temperature: 16.2 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 14.49 (C)
Epilimnion Temperature: 14.32 (C)
Planar-Thermocline : 4.625 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 6.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.49	4.50	10.62	7.00	5.81
1.00	14.32	4.75	9.08	8.00	5.37
2.00	14.24	5.00	8.41	9.00	5.13
3.00	14.02	5.50	7.02	10.00	5.07
4.00	13.39	6.00	6.46	11.00	4.94
4.25	12.06				

Lake # 226 SW 10 JUN 81 (Day 161) Time: 09 42 CDT
Air Temperature: 13.2 (C) Wind: 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18 (C)
Epilimnion Temperature: 18.06 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 5.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.00	4.00	14.88	5.75	8.24
1.00	18.06	4.25	13.91	6.00	7.73
2.00	18.03	4.50	12.52	6.50	6.60
3.00	17.97	4.75	11.40	7.00	6.41
3.25	17.35	5.00	10.46	8.00	5.83
3.50	16.38	5.25	9.58	9.00	5.51
3.75	15.63	5.50	9.18	10.00	5.42

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Lake # 226 SW 24 JUN 81 (Day 175) Time: 10 40 CDT
Air Temperature: 13.5 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description: RAINING
Secchi Visibility: 3.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.09 (C)
Epilimnion Temperature: 18.09 (C) Epilimnion Depth (1 C/M): 3.75 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.09	4.75	15.47	6.50	7.88
1.00	18.09	5.00	13.95	6.75	7.31
2.00	18.09	5.25	12.09	7.00	7.06
3.00	18.09	5.50	11.10	8.00	6.31
3.50	17.69	5.75	10.24	9.00	5.89
4.00	17.15	6.00	9.48	10.00	5.70
4.25	16.58	6.25	8.44	10.25	5.64
4.50	16.15				

Lake # 226 SW 22 JUL 81 (Day 203) Time: 08 50 CDT
Air Temperature: 18.9 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.8 (C)
Epilimnion Temperature: 22.8 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.80	4.75	17.27	7.00	8.81
1.00	22.80	5.00	15.90	7.25	7.92
2.00	22.79	5.25	14.88	7.50	7.57
3.00	22.79	5.50	14.52	7.75	7.24
3.25	22.61	5.75	13.66	8.00	6.91
3.50	21.99	6.00	12.20	9.00	6.46
3.75	21.15	6.25	11.17	10.00	5.97
4.00	20.00	6.50	10.83	11.00	5.80
4.25	19.41	6.75	9.55	12.00	5.74
4.50	17.89				

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Lake # 226 SW 5 AUG 81 (Day 217) Time: 08 45 CDT
Air Temperature: 24 (C) Wind: 0 - 3 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.2 (C)
Epilimnion Temperature: 23.2 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 6.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.20	5.00	16.57	6.75	9.26
1.00	23.20	5.25	15.38	7.00	8.63
2.00	22.77	5.50	14.59	7.50	7.74
3.00	22.51	5.75	13.81	8.00	7.46
4.00	21.12	6.00	12.46	9.00	6.71
4.25	20.50	6.25	11.59	10.00	6.27
4.50	19.26	6.50	10.31	11.00	6.04
4.75	17.64				

Lake # 226 SW 7 AUG 81 (Day 219) Time: 08 40 CDT
Air Temperature: 25 (C) Wind: 5 - 10 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 25.18 (C)
Epilimnion Temperature: 25.18 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.18	3.75	19.64	6.00	11.12
1.00	25.18	4.00	18.94	6.25	10.29
1.50	24.00	4.25	18.00	6.50	9.68
2.00	23.62	4.50	17.59	6.75	9.18
2.25	22.83	4.75	16.67	7.00	8.51
2.50	22.32	5.00	15.43	8.00	7.02
2.75	21.71	5.25	14.03	9.00	6.28
3.00	21.14	5.50	13.06	10.00	5.92
3.25	20.54	5.75	11.97	11.00	5.81
3.50	20.20				

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Lake # 226 SW 19 AUG 81 (Day 231) Time: 09 00 CDT
Air Temperature: 18.5 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.69 (C)
Epilimnion Temperature: 17.69 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 8.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.69	5.00	13.69	7.00	5.95
1.00	17.69	5.25	12.70	7.25	5.47
2.00	17.64	5.50	11.39	7.50	3.63
3.00	17.61	5.75	10.62	7.75	3.63
4.00	17.33	6.00	8.63	8.00	3.63
4.25	16.97	6.25	8.15	9.00	3.63
4.50	16.37	6.50	7.22	10.00	3.63
4.75	15.92	6.75	6.83	11.00	3.63

Lake # 226 SW 2 SEP 81 (Day 245) Time: 09 30 CDT
Air Temperature: 14 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.4 (C)
Epilimnion Temperature: 19.2 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.40	5.00	17.88	7.00	8.98
1.00	19.20	5.25	16.25	7.25	8.34
2.00	19.20	5.50	14.20	7.50	7.91
3.00	19.20	5.75	13.52	7.75	7.61
4.00	19.71	6.00	12.80	8.00	7.34
4.25	19.44	6.25	11.40	9.00	6.41
4.50	19.46	6.50	11.12	10.00	5.93
4.75	19.33	6.75	9.27		

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Lake # 226 SW 16 SEP 81 (Day 259) Time: 11 01 CDT
Air Temperature: 12 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.92 (C)
Epilimnion Temperature: 16.93 (C) Epilimni. Depth (1 C/M): 5.875 (M
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 6.960 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.92	5.50	16.84	7.25	9.65
1.00	16.93	5.75	16.70	7.50	9.70
2.00	16.93	6.00	15.20	7.75	8.91
3.00	16.93	6.25	13.46	8.00	8.38
4.00	16.94	6.50	12.35	9.00	7.12
5.00	16.93	6.75	11.56	10.00	6.62
5.25	16.86	7.00	10.30	11.00	6.37

Lake # 226 SW 0 OCT 81 (Day 273) Time: 08 40 CDT
Air Temperature: 10.5 (C) Wind: 10 - 15 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.99 (C)
Epilimnion Temperature: 11.99 (C) Epilimnion Depth (1 C/M): 7.375 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 7.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.99	6.00	12.01	8.00	8.95
1.00	11.99	7.00	12.01	9.00	7.24
2.00	12.01	7.25	11.95	10.00	6.64
3.00	12.03	7.50	10.08	11.00	6.50
4.00	12.03	7.75	9.48	11.75	6.50
5.00	12.03				

Lake # 226 SW 14 OCT 81 (Day 287) Time: 08 52 CDT
Air Temperature: 8 (C) Wind: 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.12 (C)
Epilimnion Temperature: 9.12 (C) Epilimnion Depth (1 C/M): 9.5 (M)
Planar-Thermocline : 9.5 (M) Change at Planar-Thermo: 1.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.12	5.00	9.12	9.00	8.61
1.00	9.12	6.00	9.06	10.00	7.43
2.00	9.12	7.00	9.06	11.00	6.51
3.00	9.12	8.00	9.03	12.00	6.37
4.00	9.12				

Lake # 226 SW 28 OCT 81 (Day 301) Time: 09 05 CST
Air Temperature: 4.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.99 (C)
Epilimnion Temperature: 5.02 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.99	4.00	5.02	8.00	5.02
1.00	5.02	5.00	5.02	9.00	5.02
2.00	5.03	6.00	5.02	10.00	5.02
3.00	5.02	7.00	5.02		

Lake # 226 SW 5 MAY 82 (Day 125) Time: 09 13 CDT
Air Temperature: -18.333 (C) Wind: 0 - 5 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.3 (C)
Epilimnion Temperature: 9.85 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 1.375 (M) Change at Planar-Thermo: 6.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.30	3.00	5.30	8.00	4.40
1.00	9.85	4.00	4.96	9.00	4.42
1.25	9.09	5.00	4.79	10.00	4.52
1.50	7.50	6.00	4.51	11.00	4.58
1.75	6.78	7.00	4.50	12.00	4.58
2.00	6.24				

Lake # 226 SW 19 MAY 82 (Day 139) Time: 08 40 CDT
Air Temperature: 9.5 (C) Wind: 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.58 (C)
Epilimnion Temperature: 11.41 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.58	3.00	10.25	6.00	4.77
1.00	11.41	4.00	9.31	7.00	4.52
1.25	11.41	4.25	8.20	8.00	4.57
1.50	11.30	4.50	6.66	9.00	4.53
1.75	10.62	4.75	6.06	10.00	4.53
2.00	10.49	5.00	5.49	11.00	4.54

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Lake # 226 SW 2 JUN 82 (Day 153) Time: 08 55 CDT
Air Temperature: 8 (C) Wind: 10 - 15 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.43 (C)
Epilimnion Temperature: 15.43 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 7.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.43	3.50	11.41	5.50	6.26
1.00	15.43	3.75	10.53	5.75	5.81
2.00	15.43	4.00	9.42	6.00	5.41
2.25	15.28	4.25	8.69	7.00	4.60
2.50	15.23	4.50	7.96	8.00	4.60
2.75	14.80	4.75	7.62	9.00	4.30
3.00	12.84	5.00	7.10	10.00	4.29
3.25	12.02	5.25	6.56		

Lake # 226 SW 16 JUN 82 (Day 167) Time: 08 40 CDT
Air Temperature: 14 (C) Wind: 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.89 (C)
Epilimnion Temperature: 16.95 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 6.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.89	4.25	10.56	6.00	5.66
1.00	16.95	4.50	9.82	7.00	4.82
2.00	16.64	4.75	9.09	8.00	4.59
3.00	15.65	5.00	7.72	9.00	4.46
3.25	15.00	5.25	7.14	10.00	4.43
3.50	13.85	5.50	6.46	11.00	4.40
3.75	12.26	5.75	6.02	12.00	4.41
4.00	11.37				

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Lake # 226 SW 0 JUL 82 (Day 181) Time: 09 50 CDT
Air Temperature: 19 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.57 (C)
Epilimnion Temperature: 19.55 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.57	4.00	13.72	5.75	7.63
1.00	19.55	4.25	12.43	6.00	7.01
2.00	19.52	4.50	11.62	7.00	6.01
3.00	19.47	4.75	10.69	8.00	5.71
3.25	18.45	5.00	9.53	9.00	5.39
3.50	16.58	5.25	8.82	10.00	5.22
3.75	14.63	5.50	8.21	11.00	5.21

Lake # 226 SW 14 JUL 82 (Day 195) Time: 08 37 CDT
Air Temperature: 19 (C) Wind: 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.14 (C)
Epilimnion Temperature: 21.14 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.14	3.75	16.72	6.00	6.82
1.00	21.14	4.00	15.23	6.00	6.82
2.00	21.14	4.25	14.03	6.25	6.26
2.25	21.07	4.50	12.85	6.75	5.70
2.50	20.98	4.75	12.22	7.00	5.60
2.75	20.61	5.00	10.97	8.00	5.03
3.00	19.63	5.25	9.39	9.00	4.73
3.25	18.52	5.50	8.39	10.00	4.60
3.50	17.92	5.75	7.92	11.00	4.58

Lake # 226 SW 28 JUL 82 (Day 209) Time: 09 00 CDT
Air Temperature: 21 (C) Wind: 0 - 0 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.15 (C)
Epilimnion Temperature: 23.15 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.15	4.00	15.80	6.25	6.71
1.00	23.15	4.25	14.34	6.50	6.39
2.00	23.05	4.50	13.22	6.75	6.00
2.25	22.81	4.75	12.06	7.00	5.66
2.50	22.68	5.00	10.87	8.00	5.15
2.75	22.19	5.25	9.72	9.00	4.91
3.00	21.24	5.50	8.65	10.00	4.79
3.25	19.59	5.75	7.89	11.00	4.70
3.50	17.97	6.00	7.17	12.00	4.70
3.75	16.91				

Lake # 226 SW 11 AUG 82 (Day 223) Time: 09 03 CDT
Air Temperature: 16.5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.16 (C)
Epilimnion Temperature: 19.21 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.16	4.25	15.15	6.25	7.55
1.00	19.21	4.50	13.64	6.50	7.19
2.00	19.23	4.75	12.65	6.75	6.46
3.00	19.21	5.00	11.33	7.00	6.27
3.25	19.13	5.25	10.35	8.00	5.34
3.50	19.02	5.50	9.55	9.00	4.87
3.75	18.60	5.75	8.53	10.00	4.78
4.00	17.01	6.00	7.90	11.00	4.72

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Lake # 226 SW 25 AUG 82 (Day 237) Time: 11 15 CDT
Air Temperature: 14 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.36 (C)
Epilimnion Temperature: 19.44 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.36	5.00	12.01	7.00	6.91
1.00	19.44	5.25	10.81	7.25	6.51
2.00	19.45	5.50	9.65	7.50	6.31
3.00	19.42	5.75	9.07	7.75	6.26
4.00	17.65	6.00	8.42	8.00	5.76
4.25	16.26	6.25	8.05	9.00	5.23
4.50	11.93	6.50	7.63	10.00	5.00
4.75	13.66	6.75	7.39	11.00	4.89

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Lake # 226 SW 8 SEP 82 (Day 251) Time: 08 39 CDT
Air Temperature: 19 (C) Wind: 10 - 15 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.86 (C)
Epilimnion Temperature: 15.84 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 6.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.86	4.75	15.22	6.50	7.72
1.00	15.84	5.00	13.93	6.75	7.31
2.00	15.78	5.25	12.44	7.00	6.96
3.00	15.68	5.50	10.73	8.00	6.00
4.00	15.53	5.75	9.72	9.00	5.46
4.25	15.41	6.00	8.97	10.00	5.20
4.50	15.31	6.25	8.22		

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Lake # 226 SW 22 SEP 82 (Day 265) Time: 10 20 CDT
Air Temperature: 14 (C) Wind: 5 - 10 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.33 (C)
Epilimnion Temperature: 13.33 (C) Epilimnion Depth (1 C/M): 5.625 (M
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.520 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.33	5.50	12.84	7.25	6.72
1.00	13.33	5.75	12.15	7.50	6.52
2.00	13.23	6.00	11.30	7.75	6.11
3.00	13.21	6.25	10.17	8.00	6.01
4.00	13.14	6.50	9.20	9.00	5.31
5.00	13.13	6.75	8.12	10.00	5.13
5.25	13.03	7.00	7.70	11.00	5.06

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Lake # 226 SW 6 OCT 82 (Day 279) Time: 09 05 CDT
Air Temperature: 5 (C) Wind: 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.75 (C)
Epilimnion Temperature: 9.82 (C) Epilimnion Depth (1 C/M): 7.625 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 8.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.75	5.00	9.77	7.75	8.64
1.00	9.82	6.00	9.72	8.00	6.42
2.00	9.82	7.00	9.62	9.00	5.41
3.00	9.82	7.25	9.62	10.00	5.11
4.00	9.82	7.50	9.59	11.00	4.98

Lake # 226 SW 20 OCT 82 (Day 293) Time: 09 00 CDT
Air Temperature: 1 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.8 (C)
Epilimnion Temperature: 6.86 (C) Epilimnion Depth (1 C/M): 9.875 (M)
Planar-Thermocline : 9.875 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.80	5.00	6.91	9.25	6.91
1.00	6.86	6.00	6.91	9.50	6.81
2.00	6.91	7.00	6.91	9.75	6.81
3.00	6.91	8.00	6.91	10.00	5.31
4.00	6.91	9.00	6.91	11.00	5.00

Lake # 226 SW 26 OCT 82 (Day 299) Time: 08 45 CDT
Air Temperature: 11 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.01 (C)
Epilimnion Temperature: 7.01 (C) Epilimnion Depth (1 C/M): 11 (M)
Planar-Thermocline : 10.5 (M) Change at Planar-Thermo: 0.890 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.01	4.00	6.72	8.00	6.60
1.00	7.01	5.00	6.66	9.00	6.54
2.00	6.91	6.00	6.62	10.00	6.41
3.00	6.82	7.00	6.61	11.00	5.52

Lake # 227 15 JUN 68 (Day 166) Time: 11 30 CDT
Air Temperature: 15.2 (C) Wind: 0 - 9 KMPH
Cloud Cover: 7 /10 Weather Description: CLEAR
Secchi Visibility: 2.2 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.3 (C)
Epilimnion Temperature: 16.1 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 5.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.30	4.00	9.10	8.00	5.00
1.00	16.10	5.00	6.90	9.00	4.90
2.00	15.30	6.00	5.50	10.00	4.80
3.00	14.80	7.00	5.10	10.40	4.80

Lake # 227 6 JUL 68 (Day 187) Time: 12 00 CDT
Air Temperature: 17.7 (C) Wind: -
Cloud Cover: 3 /10 Weather Description: CLEAR
Secchi Visibility: 2.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.7 (C)
Epilimnion Temperature: 18.7 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.70	4.00	9.50	8.00	4.80
1.00	18.70	5.00	6.80	9.00	4.60
2.00	17.70	6.00	5.80	10.00	4.40
3.00	15.10	7.00	5.10		

Lake # 227 9 NOV 68 (Day 313) Time: 10 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 3.1 (C)
Epilimnion Temperature: 3.4 (C)
Planar-Thermocline : 10.25 (M)
Wind: -
Weather Description: SNOW
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 10.25 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.10	4.00	4.00	8.00	4.00
1.00	3.40	5.00	4.00	9.00	4.10
2.00	3.60	6.00	4.00	10.00	4.40
3.00	3.90	7.00	4.00	10.50	5.10

Lake # 227 22 APR 69 (Day 112) Time: 10 00 CST
Air Temperature:
Cloud Cover: 5 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 4.5 (C)
Epilimnion Temperature: 4.5 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description: CLEAR
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.50	4.00	4.40	8.00	4.30
1.00	4.50	5.00	4.30	9.00	4.40
2.00	4.40	6.00	4.30	10.00	4.40
3.00	4.40	7.00	4.20		

Lake # 227 21 JAN 69 (Day 21) Time: 12 15 CDT
Air Temperature: 0 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.5 (C)
Epilimnion Temperature: 3 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description: SNOW
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.50	4.00	4.30	8.00	4.80
1.00	3.00	5.00	4.60	9.00	4.80
2.00	4.00	6.00	4.80	10.00	5.00
3.00	4.20	7.00	4.80	11.00	5.00

Lake # 227 7 MAY 69 (Day 127) Time: 11 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 4.5 (C)
Epilimnion Temperature: 11.8 (C)
Planar-Thermocline : 3.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 4.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	11.80	5.00	5.20	8.00	4.20
2.00	11.80	6.00	5.10	9.00	4.20
3.00	10.00	7.00	4.90	10.00	4.00
4.00	5.50				

Lake # 227 17 MAY 69 (Day 137) Time: 11 00 CDT
Air Temperature: 8.3 (C) Wind: -
Cloud Cover: 1 /10 Weather Description: CLEAR
Secchi Visibility: 3.7 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.74 (C)
Epilimnion Temperature: 11.74 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 2.620 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.74	4.00	6.60	8.00	4.38
1.00	11.74	5.00	5.00	9.00	4.37
2.00	11.34	6.00	4.56	10.00	4.36
3.00	8.72	7.00	4.39	10.20	4.37

Lake # 227 11 JUN 69 (Day 162) Time: 11 15 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:CLEAR,SUNNY
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.7 (C)
Epilimnion Temperature: 16.7 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 3.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.70	4.00	9.20	8.00	4.60
1.00	16.70	5.00	6.50	9.00	4.60
2.00	15.60	6.00	5.40	10.00	4.50
3.00	12.70	7.00	4.70		

Lake # 227 27 MAY 69 (Day 147) Time: 10 05 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.2 (C)
Epilimnion Temperature: 16.8 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 3.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.20	4.00	8.10	8.00	4.40
1.00	16.80	5.00	6.10	9.00	4.40
2.00	14.10	6.00	4.80	10.00	4.40
3.00	11.40	7.00	4.50		

Lake # 227 25 JUN 69 (Day 176) Time: 13 05 CDT
Air Temperature: Wind: -
Cloud Cover: 10 /10 Weather Description: LIGHT RAIN
Secchi Visibility: 3 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.8 (C)
Epilimnion Temperature: 16.8 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.80	4.00	9.70	8.00	4.40
1.00	16.80	5.00	6.90	9.00	4.30
2.00	14.80	6.00	5.80	10.00	4.30
3.00	13.70	7.00	4.70		

Lake # 227 7 JUL 69 (Day 188) Time: 10 30 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 18.1 (C)
Epilimnion Temperature: 18.1 (C)
Planar-Thermocline : 3.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.10	4.00	11.20	8.00	4.70
1.00	18.10	5.00	7.70	9.00	4.60
2.00	17.40	6.00	6.10	10.00	4.50
3.00	15.60	7.00	4.90		

Lake # 227 22 JUL 69 (Day 203) Time: 09 50 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 22.7 (C)
Epilimnion Temperature: 22.7 (C)
Planar-Thermocline : 2.5 (M)
Wind: -
Weather Description: HAZY,CLOUDY
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 5.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.70	4.00	11.70	8.00	5.30
1.00	22.70	5.00	8.30	9.00	4.70
2.00	22.00	6.00	6.90	10.00	4.60
3.00	16.20	7.00	5.90		

Lake # 227 17 JUL 69 (Day 198) Time: 09 30 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 18.1 (C)
Epilimnion Temperature: 22.45 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 3.850 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	22.45	4.00	17.85	7.00	9.10
2.00	22.35	5.00	15.45	8.00	6.40
3.00	21.11	6.00	11.60	9.00	6.00

Lake # 227 22 AUG 69 (Day 234) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 22.9 (C)
Epilimnion Temperature: 22.5 (C)
Planar-Thermocline : 3.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.90	4.00	13.10	8.00	5.30
1.00	22.50	5.00	8.90	9.00	4.80
2.00	21.10	6.00	6.90	10.00	4.70
3.00	18.30	7.00	5.80		

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Lake # 227 3 SEP 69 (Day 246) Time: 10 15 CDT
Air Temperature: 24 (C) Wind: 4 - 5 KMPH
Cloud Cover: 10 /10 Weather Description: WIND VARIES
Secchi Visibility: 1.7 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.1 (C)
Epilimnion Temperature: 21 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 5.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.10	4.00	13.30	8.00	6.00
1.00	21.00	5.00	9.70	9.00	5.50
2.00	20.80	6.00	7.80	10.00	5.30
3.00	19.00	7.00	6.50		

****

Lake # 227 17 SEP 69 (Day 260) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.55 (C)
Epilimnion Temperature: 16.55 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 4.790 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.55	3.00	16.25	7.00	6.55
0.50	16.55	4.00	14.25	8.00	5.91
1.00	16.55	5.00	9.46	9.00	5.38
2.00	16.49	6.00	8.40	10.00	5.20

****

Lake # 227 8 SEP 69 (Day 251) Time: 10 05 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 1.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19 (C)
Epilimnion Temperature: 19.35 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 5.350 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.00	4.00	13.70	7.00	6.85
1.00	19.35	5.00	10.10	8.00	6.25
2.00	19.15	6.00	8.00	9.00	6.00
3.00	19.05				

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Lake # 227 24 SEP 69 (Day 267) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 1.3 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.6 (C)
Epilimnion Temperature: 13.7 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 3.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.60	4.00	13.50	7.00	6.20
1.00	13.70	5.00	10.60	8.00	5.70
2.00	13.70	6.00	7.20	9.00	5.30
3.00	13.70				

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Lake # 227 1 OCT 69 (Day 274) Time: 10 45 CDT
Air Temperature: 7 (C) Wind: 2 - 4 KMPH
Cloud Cover: 10 /10 Weather Description: RAIN
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.4 (C)
Epilimnion Temperature: 10.5 (C) Epilimnion Depth (1 C/M): 5.5 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 2.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.40	4.00	10.50	8.00	6.00
1.00	10.50	5.00	9.70	9.00	5.60
2.00	10.50	6.00	7.20	10.00	5.40
3.00	10.50	7.00	6.40		

****

Lake # 227 16 OCT 69 (Day 289) Time: 09 00 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.78 (C)
Epilimnion Temperature: 6.8 (C) Epilimnion Depth (1 C/M): 8.5 (M)
Planar-Thermocline : 8.5 (M) Change at Planar-Thermo: 1.150 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.78	4.00	6.78	8.00	6.65
1.00	6.80	5.00	6.82	9.00	5.50
2.00	6.82	6.00	6.78	10.00	5.42
3.00	6.82	7.00	6.78		

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Lake # 227 29 OCT 69 (Day 302) Time: 09 45 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description: ICE ON LAKE
Secchi Visibility: 2.5 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.78 (C)
Epilimnion Temperature: 2.8 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: -.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	2.80	5.00	3.70	8.00	3.75
2.00	3.00	6.00	3.70	9.00	3.80
3.00	3.40	7.00	3.75	10.00	3.80
4.00	3.50				

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Lake # 227 12 NOV 69 (Day 316) Time: 09 45 CDT
Air Temperature: 0 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: SNOW
Secchi Visibility: 2.8 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 3.9 (C)
Epilimnion Temperature: 3.9 (C) Epilimnion Depth (1 C/M): 11 (M)
Planar-Thermocline : 1 (M) Change at Planar-Thermo: -.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.90	6.00	4.00	9.00	4.00
2.00	3.98	7.00	4.00	10.00	4.00
4.00	4.00	8.00	4.00	11.00	3.96
5.00	4.00				

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Lake # 227 22 JAN 70 (Day 22) Time:
Air Temperature: Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .52 (C)
Epilimnion Temperature: 1.08 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.52	4.00	3.43	7.00	3.84
1.00	1.08	5.00	3.60	8.00	3.93
2.00	2.32	6.00	3.77	9.80	4.18
3.00	3.18				

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Lake # 227 26 FEB 70 (Day 57) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .3 (C)
Epilimnion Temperature: .45 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 4.04 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.30	4.00	3.62	8.00	4.08
1.00	0.48	4.08	3.92	9.00	4.20
2.00	2.80	5.00	3.78	10.00	4.38
[illegible]	[illegible]	6.00	3.85	10.20	4.38

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Lake # 227 9 APR 70 (Day 99) Time: 14 15 CST
Air Temperature: 8 (C) Wind: -
Cloud Cover: 0 /10 Weather Description: CALM
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .95 (C)
Epilimnion Temperature: 1.48 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.95	4.00	3.61	8.00	4.02
1.00	1.48	5.00	3.77	9.00	4.12
2.00	2.62	6.00	3.83	10.00	4.31
3.00	3.32	7.00	3.90	11.00	4.32

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Lake # 227 8 MAY 70 (Day 128) Time: 09 20 CDT
Air Temperature: 5.5 (C) Wind: -
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .7 (C)
Epilimnion Temperature: 4.3 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.70	4.00	4.05	8.00	4.09
1.00	4.30	5.00	4.01	9.00	4.19
2.00	4.20	6.00	4.02	10.00	4.31
3.00	4.10	7.00	4.02	10.20	4.35

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Lake # 227 16 MAY 70 (Day 136) Time: 16 00 CDT
Air Temperature: 15.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 3 /10 Weather Description: ICE FREE
Secchi Visibility: 3.2 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.58 (C)
Epilimnion Temperature: 5.58 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.740 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.58	4.00	4.25	8.00	4.09
1.00	5.58	5.00	4.08	9.00	4.28
2.00	5.52	6.00	4.06	10.00	4.28
3.00	4.78	7.00	4.08		

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Lake # 227 18 MAY 70 (Day 138) Time: 12 00 CDT
Air Temperature: 21.1 (C) Wind: 8 - 16 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: BROWN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.26 (C)
Epilimnion Temperature: 9.19 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 1.690 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.26	4.00	4.61	8.00	4.17
1.00	9.19	5.00	4.49	9.00	4.20
2.00	7.50	6.00	4.28	9.20	4.22
3.00	5.90	7.00	4.14		

****

Lake # 227 19 MAY 70 (Day 139) Time: 14 45 CDT
Air Temperature: 18.3 (C) Wind: -
Cloud Cover: 1 /10 Weather Description: CALM & HAZY
Secchi Visibility: 2.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.6 (C)
Epilimnion Temperature: 10.7 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 2.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.60	4.00	4.83	8.00	4.15
1.00	10.70	5.00	4.51	9.00	4.19
2.00	8.81	6.00	4.25	10.00	4.22
3.00	5.85	7.00	4.15	10.20	4.28

****

Lake # 227 22 MAY 70 (Day 142) Time: 15 30 CDT
Air Temperature: 21.1 (C) Wind: -
Cloud Cover: 3 /10 Weather Description: CALM & CLEAR
Secchi Visibility: 3.3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.1 (C)
Epilimnion Temperature: 12.22 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 3.370 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.10	4.00	4.74	8.00	4.15
1.00	12.22	5.00	4.28	9.00	4.19
2.00	8.85	6.00	4.13	9.50	4.22
3.00	6.28	7.00	4.13		

****

Lake # 227 25 MAY 70 (Day 145) Time: 09 00 CDT
Air Temperature: Wind: 8 - 32 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.2 (C)
Epilimnion Temperature: 14.3 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 3.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.20	3.00	7.15	7.00	4.10
0.50	14.25	4.00	5.30	8.00	4.05
1.00	14.30	5.00	4.85	9.00	4.05
2.00	10.40	6.00	4.38	10.00	4.00

****

Lake # 227 26 MAY 70 (Day 146) Time: 09 15 CDT
Air Temperature: 2 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.35 (C)
Epilimnion Temperature: 10.35 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 3.590 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.35	3.00	6.66	7.00	4.46
0.50	10.34	4.00	5.29	8.00	4.44
1.00	10.35	5.00	4.69	9.00	4.43
2.00	10.25	6.00	4.54	10.00	4.44

****

Lake # 227 28 MAY 70 (Day 148) Time: 14 30 CDT
Air Temperature: Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.58 (C)
Epilimnion Temperature: 11.58 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 3.250 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.58	4.00	6.00	8.00	4.46
1.00	11.58	5.00	5.15	9.00	4.46
2.00	10.40	6.00	4.74	10.00	4.46
3.00	7.15	7.00	4.46		

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Lake # 227 29 MAY 70 (Day 149) Time: 09 10 CDT
Air Temperature: 14 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: RAIN LT WIND
Secchi Visibility: 3.1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.37 (C)
Epilimnion Temperature: 11.3 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 3.370 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.37	3.00	7.42	7.00	5.46
0.50	11.32	4.00	7.30	8.00	5.46
1.00	11.30	5.00	5.87	9.00	5.43
2.00	10.79	6.00	5.54	10.00	5.43

****

Lake # 227 2 JUN 70 (Day 153) Time: 09 00 CDT
Air Temperature: 17.5 (C) Wind: -
Cloud Cover: 4 /10 Weather Description: WIND VARIES
Secchi Visibility: 2.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.37 (C)
Epilimnion Temperature: 14.01 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 3.390 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.37	4.00	5.38	8.00	4.53
1.00	14.01	5.00	4.88	9.00	4.49
2.00	10.81	6.00	4.60	10.00	4.46
3.00	7.42	7.00	4.60		

****

Lake # 227 9 JUN 70 (Day 160) Time: 09 20 CDT
Air Temperature: 24.9 (C) Wind: 3 - 5 KMPH
Cloud Cover: 1 /10 Weather Description: WIND VARIES
Secchi Visibility: 2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.43 (C)
Epilimnion Temperature: 22.34 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 8.110 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.43	4.00	8.14	8.00	4.74
1.00	22.34	5.00	6.14	9.00	4.21
2.00	22.29	6.00	5.40	10.00	4.21
3.00	14.18	7.00	4.90	10.10	4.27

****

Lake # 227 16 JUN 70 (Day 167) Time: 09 20 CDT
Air Temperature: 18.2 (C) Wind: 0 - 2 KMPH
Cloud Cover: 10 /10 Weather Description: WIND VARIES
Secchi Visibility: 2.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.02 (C)
Epilimnion Temperature: 15.63 (C) Epilimnion Depth (1 C/M): .75 (M)
Planar-Thermocline : .75 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.02	4.00	5.28	8.00	4.74
0.50	21.03	5.00	5.03	9.00	4.76
1.00	15.63	6.00	4.88	10.00	4.81
2.00	9.48	7.00	4.78	10.10	4.89
3.00	6.28				

****

Lake # 227 0 JUL 70 (Day 181) Time:
Air Temperature: Wind: 2 - 3 KMPH
Cloud Cover: 9 /10 Weather Description: WIND VARIES
Secchi Visibility: 1.3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.9 (C)
Epilimnion Temperature: 22.1 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.90	2.75	12.90	5.00	6.20
1.00	22.10	3.00	12.10	5.50	5.90
1.50	21.00	3.25	11.70	6.00	5.80
1.75	19.00	3.50	10.10	7.00	5.60
2.00	18.60	3.75	7.95	8.00	5.50
2.25	17.50	4.00	7.50	9.00	5.45
2.50	16.60	4.50	6.80	10.00	5.48

Lake # 227 7 JUL 70 (Day 188) Time: 08 30 CDT
Air Temperature: 19.4 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.35 (M)
Inflow Temperature:
Surface Temperature: 22.73 (C)
Epilimnion Temperature: 22.75 (C)
Planar-Thermocline : 2.875 (M)
Wind: 0 - 2 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.73	3.25	11.60	6.00	6.10
1.00	22.75	3.50	9.00	7.00	5.80
2.00	20.50	3.75	8.65	8.00	5.72
2.25	18.20	4.00	7.83	9.00	5.67
2.50	16.90	4.50	6.92	10.00	5.65
2.75	15.30	5.00	6.59	10.30	5.70
3.00	12.60				

Lake # 227 21 JUL 70 (Day 202) Time: 09 00 CDT
Air Temperature: 23.7 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 22.95 (C)
Epilimnion Temperature: 22.72 (C)
Planar-Thermocline : 2.125 (M)
Wind: 0 - 2 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 9.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.95	3.25	11.54	5.00	6.40
1.00	22.72	3.50	10.46	6.00	5.70
2.00	20.74	3.75	9.42	7.00	5.50
2.25	18.25	4.00	7.53	8.00	5.45
2.50	16.58	4.25	7.25	9.00	5.42
2.75	14.60	4.50	6.90	10.00	5.40
3.00	12.69	4.75	6.65	10.20	5.42

Lake # 227 14 JUL 70 (Day 195) Time: 09 00 CDT
Air Temperature: 25 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 26 (C)
Epilimnion Temperature: 25.9 (C)
Planar-Thermocline : 2.125 (M)
Wind: -
Weather Description: CALM
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	26.00	3.00	13.00	6.00	5.90
1.00	25.90	3.25	11.70	7.00	5.68
1.50	23.00	3.50	10.80	8.00	5.50
2.00	21.40	3.75	10.10	9.00	5.45
2.25	18.70	4.00	7.70	10.00	5.40
2.50	17.80	5.00	6.70	10.20	5.44
2.75	15.40				

Lake # 227 28 JUL 70 (Day 209) Time:
Air Temperature: 30.81 (C)
Cloud Cover: 2 /10
Secchi Visibility: .95 (M)
Inflow Temperature:
Surface Temperature: 24.42 (C)
Epilimnion Temperature: 23.5 (C)
Planar-Thermocline : 2.25 (M)
Wind: -
Weather Description: CALM
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: 7.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.42	3.50	11.00	7.00	4.52
1.00	23.50	4.00	9.23	8.00	4.32
1.50	22.85	4.50	7.12	9.00	4.30
2.00	21.15	5.00	6.15	10.00	4.28
2.50	17.50	5.50	5.12	10.10	4.32
3.00	14.18	6.00	4.85		

****

Lake # 227 4 AUG 70 (Day 216) Time:
Air Temperature: 17.7 (C)
Cloud Cover: 5 /10
Secchi Visibility: .95 (M)
Inflow Temperature:
Surface Temperature: 19.98 (C)
Epilimnion Temperature: 20.06 (C)
Planar-Thermocline : 2.75 (M)

Wind: 0 - 2 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.98	3.50	10.48	7.00	4.50
1.00	20.06	4.00	8.18	8.00	4.38
2.00	19.96	4.50	6.58	9.00	4.32
2.50	18.08	5.00	5.78	10.00	4.32
3.00	13.78	6.00	4.88	10.10	4.32

Lake # 227 18 AUG 70 (Day 230) Time:
Air Temperature: 20 (C)
Cloud Cover: 10 /10
Secchi Visibility: .95 (M)
Inflow Temperature:
Surface Temperature: 20.83 (C)
Epilimnion Temperature: 20.87 (C)
Planar-Thermocline : 2.75 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.83	3.50	11.43	7.00	4.56
1.00	20.87	4.00	9.56	8.00	4.50
2.00	20.80	4.50	7.98	9.00	4.38
2.50	19.58	5.00	5.70	10.00	4.36
3.00	14.37	6.00	4.73	10.10	4.38

****

Lake # 227 11 AUG 70 (Day 223) Time:
Air Temperature: 21.6 (C)
Cloud Cover: 0 /10
Secchi Visibility: .7 (M)
Inflow Temperature:
Surface Temperature: 24.38 (C)
Epilimnion Temperature: 24.13 (C)
Planar-Thermocline : 2.75 (M)

Wind: -
Weather Description: CALM
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 7.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.38	3.50	12.18	7.00	4.53
1.00	24.13	4.00	9.43	8.00	4.38
2.00	20.80	4.50	7.58	9.00	4.36
2.50	19.08	5.00	5.78	10.00	4.36
3.00	15.10	6.00	4.93		

Lake # 227 25 AUG 70 (Day 237) Time:
Air Temperature: 18.48 (C)
Cloud Cover: 0 /10
Secchi Visibility: .75 (M)
Inflow Temperature:
Surface Temperature: 19.87 (C)
Epilimnion Temperature: 19.77 (C)
Planar-Thermocline : 3.25 (M)

Wind: -
Weather Description: CALM
Water Color: GREEN -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.87	3.50	12.28	7.00	4.80
1.00	19.77	4.00	9.63	8.00	4.53
2.00	18.83	4.50	7.73	9.00	4.46
2.50	18.14	5.00	6.88	10.00	4.40
3.00	16.58	6.00	5.23		

****

Lake # 227 1 SEP 70 (Day 244) Time:
Air Temperature: 14.9 (C)
Cloud Cover: 10 /10
Secchi Visibility: .9 (M)
Inflow Temperature:
Surface Temperature: 17.9 (C)
Epilimnion Temperature: 17.9 (C)
Planar-Thermocline : 3.25 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 7.380 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.90	4.00	10.15	7.00	5.15
1.00	17.90	4.50	7.69	8.00	4.87
2.00	17.95	5.00	6.93	9.00	4.75
3.00	16.25	5.50	6.25	10.00	4.75
3.50	12.56	6.00	5.52	10.10	4.75

****

Lake # 227 15 SEP 70 (Day 258) Time:
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.08 (C)
Epilimnion Temperature: 12.08 (C)
Planar-Thermocline : 4.375 (M)

Wind: -
Weather Description: CALM
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.08	4.50	8.40	6.00	5.31
1.00	12.08	4.75	7.60	7.00	4.81
2.00	12.08	5.00	7.14	8.00	4.52
3.00	12.08	5.25	6.30	9.00	4.46
4.00	11.58	5.50	6.01	10.00	4.43
4.25	10.50	5.75	5.60		

****

Lake # 227 8 SEP 70 (Day 251) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 1.1 (M)
Inflow Temperature:
Surface Temperature: 18.07 (C)
Epilimnion Temperature: 18.13 (C)
Planar-Thermocline : 3.75 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 5.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.07	4.00	10.52	7.00	4.57
1.00	18.13	4.50	7.80	8.00	4.52
2.00	18.07	5.00	6.48	9.00	4.31
3.00	15.91	5.50	5.82	10.00	4.27
3.50	13.47	6.00	5.42		

****

Lake # 227 22 SEP 70 (Day 265) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 1.5 (M)
Inflow Temperature:
Surface Temperature: 13.7 (C)
Epilimnion Temperature: 13.79 (C)
Planar-Thermocline : 4.75 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 4.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.70	4.00	11.00	6.50	5.20
1.00	13.79	4.50	9.90	7.00	4.85
2.00	13.73	5.00	7.75	8.00	4.60
2.50	13.09	5.50	6.15	9.00	4.50
3.00	11.80	6.00	5.49	10.00	4.40
3.50	11.40				

Lake # 227 29 SEP 70 (Day 272) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 11.5 (C)
Epilimnion Temperature: 11.42 (C)
Planar-Thermocline : 4.75 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: 3.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.50	4.50	9.43	7.00	4.89
1.00	11.42	5.00	7.59	8.00	4.55
2.00	11.33	5.50	6.54	9.00	4.48
3.00	11.32	6.00	5.64	10.00	4.47
4.00	11.12				

Lake # 227 13 OCT 70 (Day 286) Time: 10 00 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 5.36 (C)
Epilimnion Temperature: 5.42 (C)
Planar-Thermocline : .5 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: -.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.36	4.00	5.42	8.00	5.39
1.00	5.42	5.00	5.42	9.00	5.38
2.00	5.42	6.00	5.40	10.00	5.37
3.00	5.42	7.00	5.40		

Lake # 227 6 OCT 70 (Day 279) Time: 10 00 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 10.62 (C)
Epilimnion Temperature: 10.52 (C)
Planar-Thermocline : 5.75 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.25 (M)
Change at Planar-Thermo: 2.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.62	5.00	8.80	8.00	4.72
1.00	10.52	5.50	7.67	9.00	4.59
2.00	9.88	6.00	6.22	10.00	4.53
3.00	9.70	6.50	5.42	10.20	4.52
4.00	9.53	7.00	5.26		

Lake # 227 20 OCT 70 (Day 293) Time: 09 30 CDT
Air Temperature: 14 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.3 (M)
Inflow Temperature:
Surface Temperature: 5.6 (C)
Epilimnion Temperature: 5.51 (C)
Planar-Thermocline : 6.5 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 10.4 (M)
Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.60	4.00	5.21	8.00	4.83
1.00	5.51	5.00	5.12	9.00	4.80
2.00	5.36	6.00	5.05	10.00	4.78
3.00	5.28	7.00	4.85	10.40	4.78

Lake # 227 27 OCT 70 (Day 300) Time:
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 8.08 (C)
Epilimnion Temperature: 8.04 (C)
Planar-Thermocline : 2.5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 1.090 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.08	4.00	5.62	8.00	4.82
1.00	8.04	5.00	5.22	9.00	4.82
2.00	7.38	6.00	4.88	10.00	4.77
3.00	6.29	7.00	4.83	10.20	4.73

Lake # 227 9 DEC 70 (Day 343) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .11 (C)
Epilimnion Temperature: 2.73 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.11	4.00	3.82	8.00	4.02
1.00	2.73	5.00	3.87	9.00	4.02
2.00	3.44	6.00	3.95	10.00	4.12
3.00	3.72	7.00	3.98	10.10	4.13

Lake # 227 10 NOV 70 (Day 314) Time: 10 30 CDT
Air Temperature: 0 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.7 (M)
Inflow Temperature:
Surface Temperature: 2.02 (C)
Epilimnion Temperature: 3.42 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: CALM
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	2.02	4.00	3.67	8.00	3.81
1.00	3.42	5.00	3.70	9.00	3.86
2.00	3.52	6.00	3.71	10.00	3.96
3.00	3.61	7.00	3.72	10.30	3.92

Lake # 227 20 JAN 71 (Day 20) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .09 (C)
Epilimnion Temperature: 1.86 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.09	4.00	3.97	8.00	4.12
1.00	1.86	5.00	4.02	9.00	4.18
2.00	3.43	6.00	4.08	10.00	4.22
3.00	3.77	7.00	4.08	10.10	4.22

Lake # 227 23 FEB 71 (Day 54) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .25 (C)
Epilimnion Temperature: 1.38 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.25	4.00	3.97	8.00	4.08
1.00	1.38	5.00	4.01	9.00	4.12
2.00	3.18	6.00	4.02	10.00	4.19
3.00	3.78	7.00	4.05		

Lake # 227 4 MAY 71 (Day 124) Time:
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 9.42 (C)
Epilimnion Temperature: 8.92 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description: CALM
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 2.090 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.42	4.00	5.27	8.00	4.28
0.50	9.02	5.00	4.73	9.00	4.28
1.00	8.92	6.00	4.42	10.00	4.28
2.00	6.83	7.00	4.30	10.20	4.28
3.00	5.91				

Lake # 227 0 APR 71 (Day 90) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .2 (C)
Epilimnion Temperature: .88 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.20	4.00	3.93	8.00	4.13
1.00	0.88	5.00	4.00	9.00	4.20
2.00	2.82	6.00	4.02	10.00	4.27
3.00	3.75	7.00	4.10	10.20	4.28

Lake # 227 7 MAY 71 (Day 127) Time:
Air Temperature: 7.1 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.11 (C)
Epilimnion Temperature: 12.1 (C)
Planar-Thermocline : 1.625 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.11	2.00	8.19	5.00	4.80
0.50	12.11	2.25	7.60	6.00	4.43
0.75	12.11	2.50	7.02	7.00	4.33
1.00	12.10	2.75	6.68	8.00	4.30
1.50	11.40	3.00	6.39	9.00	4.28
1.75	8.73	4.00	5.42	10.00	4.28

Lake # 227 11 MAY 71 (Day 131) Time: 09 45 CDT
Air Temperature: 6.5 (C)
Cloud Cover:
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 12.3 (C)
Epilimnion Temperature: 12.34 (C)
Planar-Thermocline : 2.25 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.30	3.00	6.65	7.00	4.45
0.50	12.32	4.00	5.53	8.00	4.32
1.00	12.34	5.00	4.83	9.00	4.32
2.00	10.50	6.00	4.63	10.00	4.30
2.50	7.80				

Lake # 227 25 MAY 71 (Day 145) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 9.28 (C)
Epilimnion Temperature: 9.29 (C)
Planar-Thermocline : 4.625 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 3.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.28	4.50	6.15	7.00	4.48
1.00	9.29	4.75	5.30	8.00	4.39
2.00	9.30	5.00	5.25	9.00	4.32
3.00	9.21	6.00	4.60	10.00	4.30
4.00	7.70				

Lake # 227 18 MAY 71 (Day 138) Time: 09 40 CDT
Air Temperature: 9.6 (C)
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.66 (C)
Epilimnion Temperature: 12.54 (C)
Planar-Thermocline : 2.375 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.66	3.00	7.95	6.00	4.60
0.50	12.49	3.25	7.50	7.00	4.35
1.00	12.54	3.50	6.65	8.00	4.30
2.00	12.48	3.75	6.40	9.00	4.26
2.25	12.40	4.00	6.05	10.00	4.26
2.50	10.25	5.00	5.05	10.25	4.26
2.75	9.78				

Lake # 227 8 JUN 71 (Day 159) Time: 09 25 CDT
Air Temperature: 22.75 (C)
Cloud Cover: 1 /10
Secchi Visibility: 1.4 (M)
Inflow Temperature:
Surface Temperature: 18.2 (C)
Epilimnion Temperature: 17.92 (C)
Planar-Thermocline : 2.125 (M)
Wind: -
Weather Description:
Water Color: ORANGE
Outflow Temperature: 19.89 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.20	2.75	11.72	7.00	4.61
0.50	18.07	3.00	10.90	8.00	4.50
1.00	17.92	3.25	10.21	9.00	4.42
2.00	16.83	4.00	8.11	10.00	4.41
2.25	13.97	5.00	6.05	10.25	4.41
2.50	12.68	6.00	4.90		

Lake # 227 15 JUN 71 (Day 166) Time: 09 06 CDT
Air Temperature: 23.6 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.1 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 24.8 (C)
Surface Temperature: 22.95 (C)
Epilimnion Temperature: 21.5 (C) Epilimnion Depth (1 C/M): .75 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 6.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.95	2.25	15.54	6.00	5.19
0.50	22.85	2.50	13.99	7.00	4.70
1.00	21.50	2.75	12.60	8.00	4.51
1.25	20.30	3.00	11.50	9.00	4.49
1.50	19.31	3.50	9.85	10.00	4.47
1.75	18.41	4.00	8.65	10.10	4.41
2.00	17.10	5.00	6.45		

Lake # 227 22 JUN 71 (Day 173) Time: 09 45 CDT
Air Temperature: 21.5 (C) Wind: 1 - 2 KMPH
Cloud Cover: 0 /10 Weather Description: WIND VARIES
Secchi Visibility: 1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 24.32 (C)
Surface Temperature: 22.06 (C)
Epilimnion Temperature: 21.71 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 8.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.06	2.75	13.51	4.75	6.71
0.50	21.99	3.00	12.42	5.00	6.39
1.00	21.71	3.25	11.25	6.00	5.36
1.25	21.52	3.50	10.14	7.00	4.70
1.50	21.43	3.75	9.05	8.00	4.54
1.75	20.42	4.00	8.34	9.00	4.48
2.00	18.42	4.25	7.70	10.00	4.48
2.25	16.38	4.50	7.52	10.10	4.47
2.50	15.15				

Lake # 227 25 JUN 71 (Day 176) Time: 09 30 CDT
Air Temperature: 25.6 (C) Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.5 (C)
Epilimnion Temperature: 20 (C) Epilimnion Depth (1 C/M): .375 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	2.00	19.15	4.00	8.52
0.25	20.55	2.25	17.25	5.00	6.40
0.50	20.22	2.50	15.58	6.00	5.40
0.75	20.08	2.75	14.00	7.00	4.85
1.00	20.00	3.00	12.80	8.00	4.58
1.25	19.93	3.25	11.25	9.00	4.52
1.50	19.95	3.50	10.62	10.00	4.49
1.75	19.90	3.75	9.25	10.50	4.52

Lake # 227 29 JUN 71 (Day 180) Time: 08 30 CST
Air Temperature: 18 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 22.5 (C)
Surface Temperature: 21.37 (C)
Epilimnion Temperature: 21.32 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.37	2.75	15.41	5.00	6.70
0.50	21.37	3.00	13.60	6.00	5.62
1.00	21.32	3.25	11.80	7.00	4.80
1.50	20.98	3.50	11.10	8.00	4.58
1.75	20.40	3.75	9.75	9.00	4.50
2.00	19.82	4.00	9.15	10.00	4.42
2.25	18.95	4.50	7.42	10.20	4.45
2.50	17.00				

Lake # 227 6 JUL 71 (Day 187) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 2 /10
Secchi Visibility: 1.1 (M)
Inflow Temperature:
Surface Temperature: 21.53 (C)
Epilimnion Temperature: 21.47 (C)
Planar-Thermocline : 2.625 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.53	3.00	14.09	6.00	6.08
0.50	21.51	3.25	12.78	7.00	5.82
1.00	21.47	3.50	12.05	8.00	4.80
2.00	21.26	3.75	10.93	9.00	4.65
2.25	19.90	4.00	9.09	10.00	4.60
2.50	18.88	4.50	7.82	10.10	4.59
2.75	16.20	5.00	7.30		

Lake # 227 20 JUL 71 (Day 201) Time: 09 15 CDT
Air Temperature:
Cloud Cover: 2 /10
Secchi Visibility: .9 (M)
Inflow Temperature:
Surface Temperature: 21.95 (C)
Epilimnion Temperature: 21.25 (C)
Planar-Thermocline : 2.875 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 24.06 (C)
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 8.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.95	3.00	15.82	6.00	5.80
0.50	21.50	3.25	13.90	7.00	5.20
1.00	21.25	3.50	12.35	8.00	4.78
2.00	21.02	3.75	11.20	9.00	4.59
2.25	20.80	4.00	10.25	10.00	4.51
2.50	19.61	4.50	7.90	10.10	4.55
2.75	17.95	5.00	7.31		

Lake # 227 13 JUL 71 (Day 194) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 20.38 (C)
Epilimnion Temperature: 20.4 (C)
Planar-Thermocline : 2.375 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.38	3.00	15.70	6.00	5.58
0.50	20.39	3.25	13.84	7.00	5.03
1.00	20.40	3.50	11.65	8.00	4.70
2.00	20.24	3.75	10.64	9.00	4.64
2.25	19.87	4.00	9.85	10.00	4.59
2.50	14.13	4.50	7.80	10.20	4.60
2.75	17.93	5.00	7.02		

Lake # 227 27 JUL 71 (Day 208) Time: 09 40 CDT
Air Temperature:
Cloud Cover: 3 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 18.83 (C)
Epilimnion Temperature: 18.83 (C)
Planar-Thermocline : 3.375 (M)

Wind: 3 - 6 KMPH
Weather Desc: .tion:
Water Color: YELLOW-ORANGE
Outflow Temperature: 19.22 (C)
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 8.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.83	3.75	11.70	6.00	5.85
0.50	18.83	4.00	10.55	7.00	5.09
1.00	18.83	4.25	9.55	8.00	4.72
2.00	18.58	4.50	8.60	9.00	4.60
3.00	16.92	4.75	7.55	10.00	4.56
3.25	15.32	5.00	7.20	10.20	4.61
3.50	13.28				

Lake # 227 3 AUG 71 (Day 215) Time: 10 10 CDT
Air Temperature: 23.5 (C) Wind: 2 - 3 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.35 (C)
Epilimnion Temperature: 16.97 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.35	3.75	13.09	6.00	5.67
0.50	17.10	4.00	11.29	7.00	5.06
1.00	16.97	4.25	10.02	8.00	4.73
2.00	16.74	4.50	9.22	9.00	4.62
3.00	16.29	4.75	8.10	10.00	4.59
3.25	15.91	5.00	7.47	10.20	4.60
3.50	14.65				

Lake # 227 10 AUG 71 (Day 222) Time: 09 15 CDT
Air Temperature: Wind: 8 - 16 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 1.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 18.31 (C)
Surface Temperature: 21.9 (C)
Epilimnion Temperature: 22.05 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 7.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.90	3.00	17.10	6.00	6.27
0.50	21.95	3.25	16.30	7.00	5.32
1.00	22.05	3.50	15.05	8.00	4.80
2.00	20.04	3.75	13.11	9.00	4.70
2.25	18.40	4.00	11.60	10.00	4.60
2.50	17.75	4.50	9.05	10.10	4.60
2.75	17.52	5.00	8.25		

Lake # 227 17 AUG 71 (Day 229) Time: 09 15 CDT
Air Temperature: Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.67 (C)
Epilimnion Temperature: 19.64 (C) Epilimnion Depth (1 C/M): 2.5 (M)
P anar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.67	3.50	15.21	5.00	8.01
0.50	19.67	3.75	13.45	6.00	6.37
1.00	19.64	4.00	12.02	7.00	5.16
2.00	19.60	4.25	10.63	8.00	4.82
3.00	18.09	4.50	8.82	9.00	4.70
3.25	16.18	4.75	8.50	10.00	4.63

Lake # 227 24 AUG 71 (Day 236) Time: 09 25 CDT
Air Temperature: Wind: 3 - 6 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 14.22 (C)
Surface Temperature: 19.35 (C)
Epilimnion Temperature: 19.48 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 6.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.35	3.75	13.73	6.00	6.52
0.50	19.44	4.00	12.64	7.00	5.55
1.00	19.48	4.25	11.55	8.00	5.19
2.00	19.49	4.50	10.20	9.00	4.90
3.00	17.85	4.75	9.22	10.00	4.79
3.25	16.49	5.00	8.37	10.10	4.79
3.50	15.30				

Lake # 227 0 SEP 71 (Day 243) Time: 10 00 CDT
Air Temperature:
Cloud Cover: 2 /10
Secchi Visibility: .8 (M)
Inflow Temperature:
Surface Temperature: 20.18 (C)
Epilimnion Temperature: 19.65 (C)
Planar-Thermocline : 4.125 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 12.94 (C)

Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Thermo: 7.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.18	3.75	13.82	6.00	6.43
0.50	19.67	4.00	13.06	7.00	5.35
1.00	19.65	4.25	11.30	8.00	4.89
2.00	19.31	4.50	10.32	9.00	4.72
3.00	17.52	4.75	9.28	10.00	4.65
3.25	16.22	5.00	8.12	10.25	4.63
3.50	15.08	5.50	7.12		

Lake # 227 14 SEP 71 (Day 257) Time: 09 05 CDT
Air Temperature: 14.4 (C)
Cloud Cover: 7 /10
Secchi Visibility: 1.6 (M)
Inflow Temperature:
Surface Temperature: 17.5 (C)
Epilimnion Temperature: 17.6 (C)
Planar-Thermocline : 4.875 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.50	3.75	14.15	6.00	6.45
0.50	17.59	4.00	13.32	7.00	5.52
1.00	17.60	4.25	12.70	8.00	5.11
2.00	17.60	4.50	11.49	9.00	4.83
3.00	17.45	4.75	10.31	10.00	4.79
3.25	16.20	5.00	9.01	10.10	4.76
3.50	15.19	5.50	7.10		

Lake # 227 7 SEP 71 (Day 250) Time: 09 05 CDT
Air Temperature: 21.25 (C)
Cloud Cover: 2 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 19.9 (C)
Epilimnion Temperature: 19.8 (C)
Planar-Thermocline : 4.125 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.90	3.50	15.12	5.50	7.40
0.50	19.83	3.75	13.95	6.00	6.50
1.00	19.80	4.00	13.01	7.00	5.45
2.00	19.72	4.25	11.71	8.00	5.10
2.50	18.50	4.50	10.91	9.00	4.80
3.00	17.25	4.75	9.70	10.00	4.77
3.25	16.11	5.00	9.02	10.10	4.75

Lake # 227 21 SEP 71 (Day 264) Time: 09 15 CDT
Air Temperature: 13.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 13.48 (C)
Epilimnion Temperature: 13.48 (C)
Planar-Thermocline : 4.5 (M)

Wind: 3 - 6 KMPH
Weather Description: NO OUTFLOW
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 4.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.48	4.00	13.20	7.00	6.00
0.50	13.48	5.00	9.15	8.00	5.25
1.00	13.48	5.50	7.77	9.00	4.88
2.00	13.48	5.75	7.20	10.00	4.80
3.00	13.46	6.00	6.50	10.10	4.79

Lake # 227 28 SEP 71 (Day 271) Time: 10 10 CDT
Air Temperature: 13 (C) Wind: 2 - 3 KMPH
Cloud Cover: 10 /10 Weather Description: RAIN
Secchi Visibility: 2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.83 (C)
Epilimnion Temperature: 12.8 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.83	4.50	11.29	7.00	5.78
0.50	12.81	5.00	10.21	8.00	5.25
1.00	12.80	5.25	8.50	9.00	5.05
2.00	12.68	5.50	8.07	10.00	4.81
3.00	12.50	5.75	7.51	10.40	4.80
4.00	12.25	6.00	6.72		

Lake # 227 12 OCT 71 (Day 285) Time: 09 35 CDT
Air Temperature: 8.5 (C) Wind: -
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.48 (C)
Epilimnion Temperature: 9.49 (C) Epilimnion Depth (1 C/M): 5.75 (M)
Planar-Thermocline : 6.75 (M) Change at Planar-Thermo: 3.620 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.48	4.00	9.41	7.00	5.90
0.50	9.48	5.00	9.20	8.00	5.31
1.00	9.49	5.50	8.75	9.00	5.08
2.00	9.49	6.00	8.19	10.00	4.90
3.00	9.48	6.50	7.71	10.20	4.88

Lake # 227 5 OCT 71 (Day 278) Time: 09 20 CDT
Air Temperature: 10.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 11.71 (C)
Surface Temperature: 11.9 (C)
Epilimnion Temperature: 11.95 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 4.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.90	5.00	10.54	7.00	5.83
0.50	11.90	5.25	9.52	8.00	5.32
1.00	11.95	5.50	8.52	9.00	5.11
2.00	11.95	5.75	7.71	10.00	4.94
3.00	11.95	6.00	7.26	10.20	4.94
4.00	11.78				

Lake # 227 19 OCT 71 (Day 292) Time: 09 30 CDT
Air Temperature: 8.8 (C) Wind: 32 - 48 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 8.3 (C)
Surface Temperature: 8.51 (C)
Epilimnion Temperature: 8.51 (C) Epilimnion Depth (1 C/M): 10.4 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 0.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.51	4.00	8.48	8.00	6.22
0.50	8.51	5.00	8.00	9.00	5.69
1.00	8.51	6.00	7.51	10.00	5.08
2.00	8.51	7.00	7.10	10.40	5.02
3.00	8.51				

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Lake # 227 26 OCT 71 (Day 299) Time: 10 10 CDT
Air Temperature: 12.6 (C) Wind: 2 - 3 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.66 (C)
Epilimnion Temperature: 8.58 (C) Epilimnion Depth (1 C/M): 10.3 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 0.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.66	4.00	8.30	8.00	5.94
0.50	8.60	5.00	8.05	9.00	5.40
1.00	8.58	6.00	7.74	10.00	5.12
2.00	8.52	7.00	6.90	10.30	5.11
3.00	8.50				

****

Lake # 227 18 DEC 71 (Day 352) Time: 09 00 CST
Air Temperature: -15 (C) Wind: -
Cloud Cover: 0 /10 Weather Description: CALM
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 0 (C)
Epilimnion Temperature: 2.85 (C) Epilimnion Depth (1 C/M): .375 (M)
Planar-Thermocline : .375 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.89	4.00	3.50	8.00	3.83
0.50	2.52	5.00	3.53	9.00	3.85
1.00	2.85	6.00	3.62	10.00	3.92
2.00	3.34	7.00	3.69	10.10	4.04
3.00	3.44				

****

Lake # 227 9 NOV 71 (Day 313) Time: 10 30 CDT
Air Temperature: -5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 0 (C)
Epilimnion Temperature: 2.02 (C) Epilimnion Depth (1 C/M): .25 (M)
Planar-Thermocline : .25 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.00	4.00	2.70	8.00	3.18
0.50	1.56	5.00	2.89	9.00	3.30
1.00	2.02	6.00	3.03	10.00	3.45
2.00	2.39	7.00	3.12	10.40	3.58
3.00	2.52				

****

Lake # 227 18 JAN 72 (Day 18) Time: 14 30 CST
Air Temperature: -5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 0 (C)
Epilimnion Temperature: 2.93 (C) Epilimnion Depth (1 C/M): .375 (M)
Planar-Thermocline : .375 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.81	4.00	3.79	8.00	4.10
0.50	2.20	5.00	3.81	9.00	4.17
1.00	2.93	6.00	3.82	10.00	4.22
2.00	3.38	7.00	4.05	10.30	4.27
3.00	3.62				

****

Lake # 227 15 FEB 72 (Day 46) Time: 11 15 CST
Air Temperature:
Cloud Cover: 4 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 0 (C)
Epilimnion Temperature: 1.55 (C)
Planar-Thermocline : .75 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .75 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.50	0.28	4.00	3.76	8.00	3.94
1.00	1.55	5.00	3.86	9.00	4.10
2.00	2.85	6.00	3.88	10.20	4.21
3.00	3.67	7.00	3.91		

****

Lake # 227 7 APR 72 (Day 97) Time: 09 15 CST
Air Temperature: -11.1 (C)
Cloud Cover: 5 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .41 (C)
Epilimnion Temperature: .9 (C)
Planar-Thermocline : 2.5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.41	4.00	3.90	8.00	4.13
1.00	0.90	5.00	3.99	9.00	4.21
2.00	1.52	6.00	4.00	10.00	4.30
3.00	3.68	7.00	4.06	10.10	4.32

****

Lake # 227 10 MAY 72 (Day 130) Time: 10 20 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 11.14 (C)
Epilimnion Temperature: 10.29 (C)
Planar-Thermocline : 2.5 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 8.6 (C)

Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Thermo: 2.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.14	4.00	5.21	8.00	4.22
0.50	10.60	5.00	4.46	9.00	4.21
1.00	10.29	6.00	4.28	10.00	4.20
2.00	8.76	7.00	4.24	10.20	4.31
3.00	6.69				

****

Lake # 227 17 MAY 72 (Day 137) Time: 09 15 CDT
Air Temperature: 21.1 (C)
Cloud Cover: 2 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 16.09 (C)
Epilimnion Temperature: 15.94 (C)
Planar-Thermocline : 1.625 (M)

Wind: 3 - 8 KMPH
Weather Description: SUNNY
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: 8.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.09	2.25	9.15	7.00	4.39
0.50	15.82	2.50	8.65	8.00	4.35
1.00	15.94	3.00	7.48	9.00	4.31
1.50	13.37	4.00	5.49	10.00	4.30
1.75	11.36	5.00	4.84	10.50	4.36
2.00	10.92	6.00	4.49		

****

Lake # 227 24 MAY 72 (Day 144) Time: 10 20 CDT
Air Temperature: 21.1 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description: POLLEN BLOOM
Secchi Visibility: 1 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.61 (C)
Epilimnion Temperature: 20.89 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 1.75 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.61	3.00	7.31	8.00	4.31
1.00	20.89	4.00	5.62	9.00	4.31
1.50	19.26	5.00	4.81	10.00	4.31
2.00	13.14	6.00	4.43	10.25	4.31
2.50	9.56	7.00	4.33		

****

Lake # 227 31 MAY 72 (Day 151) Time: 09 15 CDT
Air Temperature: 10 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: .8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.61 (C)
Epilimnion Temperature: 17.61 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.61	2.75	10.13	7.00	4.32
0.50	17.61	3.00	7.91	8.00	4.32
1.00	17.61	4.00	5.96	9.00	4.31
2.00	15.56	5.00	4.91	10.00	4.31
2.25	12.61	6.00	4.46	10.10	4.31
2.50	11.16				

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Lake # 227 14 JUN 72 (Day 165) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .8 (M) Water Color: YELLOW-GREEN
Inflow Temperature. Outflow Temperature: 15.51 (C)
Surface Temperature: 18.22 (C)
Epilimnion Temperature: 18.22 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.22	3.00	9.61	7.00	4.41
1.00	18.22	3.50	7.86	8.00	4.36
2.00	17.51	4.00	6.46	9.00	4.31
2.25	15.26	5.00	5.01	10.00	4.33
2.50	13.41	6.00	4.59	10.25	4.36
2.75	10.91				

****

Lake # 227 21 JUN 72 (Day 172) Time: 11 00 CDT
Air Temperature: Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: .7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.21 (C)
Epilimnion Temperature: 16.21 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 6.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.21	2.75	12.76	6.00	4.61
0.50	16.21	3.00	11.21	7.00	4.31
1.00	16.21	3.50	8.51	8.00	4.36
2.00	15.56	4.00	6.81	9.00	4.36
2.25	15.11	4.50	5.71	10.00	4.33
2.50	14.31	5.00	5.21	10.50	4.33

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Lake # 227 28 JUN 72 (Day 179) Time: 09 10 CDT
Air Temperature: 26.6 (C) Wind: 2 - 3 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: .5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 23.4 (C)
Surface Temperature: 23.15 (C)
Epilimnion Temperature: 22.64 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 1.375 (M) Change at Planar-Thermo: 8.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.15	2.50	13.86	5.00	5.40
1.00	22.64	2.75	12.13	6.00	4.67
1.25	20.81	3.00	11.01	7.00	4.47
1.50	18.78	3.25	10.08	8.00	4.42
1.75	17.33	3.50	8.96	9.00	4.37
2.00	16.00	3.75	7.44	10.00	4.37
2.25	14.87	4.00	6.93	10.50	4.37

****

Lake # 227 5 JUL 72 (Day 186) Time: 09 50 CDT
Air Temperature: Wind: -
Cloud Cover: 0 /10 Weather Description: CALM
Secchi Visibility: .5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.53 (C)
Epilimnion Temperature: 18.96 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 8.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.53	3.00	11.21	7.00	4.46
1.00	18.96	3.50	8.51	8.00	4.41
2.00	16.61	4.00	6.91	9.00	4.36
2.25	15.73	5.00	5.54	10.00	4.36
2.50	13.61	6.00	4.66	10.30	4.36
2.75	12.39				

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Lake # 227 12 JUL 72 (Day 193) Time: 09 30 CDT
Air Temperature: 21.1 (C) Wind: -
Cloud Cover: 2 /10 Weather Description: CALM
Secchi Visibility: .5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 23.4 (C)
Surface Temperature: 22.31 (C)
Epilimnion Temperature: 21.71 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 5.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.31	3.00	11.95	6.00	5.01
1.00	21.71	3.25	10.56	7.00	4.66
2.00	17.11	3.50	9.34	8.00	4.43
2.25	15.66	3.75	8.61	9.00	4.42
2.50	14.59	4.00	7.69	10.00	4.41
2.75	13.33	5.00	5.76	10.25	4.41

****

Lake # 227 19 JUL 72 (Day 200) Time: 10 00 CDT
Air Temperature: 18.3 (C) Wind: 2 - 3 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: .5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.12 (C)
Epilimnion Temperature: 20.96 (C) Epilimnion Depth (1 C/M): 1.75 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 9.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.12	3.00	12.32	6.00	4.97
0.50	21.03	3.25	10.81	7.00	4.72
1.00	20.96	3.50	9.38	8.00	4.57
1.50	20.49	3.75	8.78	9.00	4.48
2.00	17.75	4.00	8.45	10.00	4.47
2.50	16.42	5.00	6.06	10.50	4.47
2.75	14.68				

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Lake # 227 26 JUL 72 (Day 207) Time: 09 30 CDT
Air Temperature: 12.7 (C) Wind: 3 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: .4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 20.7 (C)
Surface Temperature: 19.65 (C)
Epilimnion Temperature: 19.26 (C) Epilimnion Depth (1 C/M): 1.75 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 8.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.65	2.50	14.40	6.00	5.07
0.50	19.52	2.75	13.45	7.00	4.68
1.00	19.26	3.00	12.01	8.00	4.57
1.50	19.18	3.50	9.68	9.00	4.48
2.00	18.65	4.00	7.84	10.00	4.47
2.25	16.62	5.00	6.25	10.50	4.47

****

Lake # 227 16 AUG 72 (Day 228) Time: 10 45 CDT
Air Temperature: Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.83 (C)
Epilimnion Temperature: 18.83 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.75 (M) Change at Planar-Thermo: 7.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.83	3.50	10.90	7.00	5.10
1.00	18.83	3.75	9.56	8.00	4.68
2.00	18.18	4.00	8.44	9.00	4.49
2.50	16.28	5.00	6.48	10.00	4.47
3.00	12.33	6.00	6.41	10.50	4.47
3.25	11.39				

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Lake # 227 9 AUG 72 (Day 221) Time: 09 30 CDT
Air Temperature: 12.7 (C) Wind: 3 - 8 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: .7 (M) Water Color: GREEN -BROWN
Inflow Temperature: Outflow Temperature: 15.74 (C)
Surface Temperature: 17.48 (C)
Epilimnion Temperature: 17.53 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.48	3.00	12.94	6.00	5.43
0.50	17.53	3.25	11.25	7.00	5.01
1.00	17.53	3.50	10.61	8.00	4.84
1.50	17.46	4.00	8.76	9.00	4.72
2.00	17.43	4.50	7.52	10.00	4.68
2.50	16.31	5.00	6.61	10.10	4.68
2.75	13.73				

****

Lake # 227 23 AUG 72 (Day 235) Time: 13 00 CDT
Air Temperature: 23.8 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: .5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.33 (C)
Epilimnion Temperature: 20.35 (C) Epilimnion Depth (1 C/M): .25 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.33	2.50	16.24	6.00	6.09
0.50	20.68	2.75	15.58	7.00	5.43
1.00	20.35	3.00	13.64	8.00	5.02
1.50	19.71	3.50	11.15	9.00	4.89
2.00	19.43	4.00	9.46	10.00	4.82
2.25	16.55	5.00	7.33		

Lake # 227 6 SEP 72 (Day 249) Time: 08 20 CDT
Air Temperature: 10 (C) Wind: 2 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: .8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.61 (C)
Epilimnion Temperature: 16.64 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.61	3.25	12.35	6.00	5.62
0.50	16.63	3.50	11.45	7.00	5.17
1.00	16.64	3.75	10.38	8.00	5.04
1.50	16.64	4.00	9.41	9.00	4.78
2.00	16.64	4.50	7.61	10.00	4.77
2.50	15.73	5.00	6.96	10.20	4.77
3.00	14.25				

Lake # 227 20 SEP 72 (Day 263) Time: 08 20 CDT
Air Temperature: 10 (C) Wind: 2 - 3 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.01 (C)
Epilimnion Temperature: 14.01 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.01	3.00	13.58	6.00	5.83
0.50	14.01	3.50	12.73	7.00	5.33
1.00	14.01	3.75	11.03	8.00	4.98
1.50	13.98	4.00	9.75	9.00	4.88
2.00	13.84	4.50	8.31	10.00	4.87
2.50	13.69	5.00	7.29	10.50	4.87
2.75	13.68	5.50	6.42		

Lake # 227 13 SEP 72 (Day 256) Time: 09 30 CDT
Air Temperature: 12.778 (C) Wind: 2 - 3 KMPH
Cloud Cover: 10 /10 Weather Description: WIND VARIES
Secchi Visibility: .9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.83 (C)
Epilimnion Temperature: 15.83 (C) Epilimnion Depth (1 C/M): .25 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.83	3.50	11.78	5.00	6.66
0.50	15.83	3.75	10.63	6.00	6.56
1.00	15.83	4.00	9.76	7.00	5.07
2.00	15.53	4.25	7.76	8.00	4.97
2.50	15.28	4.50	7.66	9.00	4.87
3.00	13.98	4.75	7.21	10.00	4.65
3.25	13.08				

Lake # 227 27 SEP 72 (Day 270) Time: 14 00 CDT
Air Temperature: 1.1 (C) Wind: 8 - 16 KMPH
Cloud Cover: Weather Description: SNOWING
Secchi Visibility: 1.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.7 (C)
Epilimnion Temperature: 9.52 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 5.25 (M) Change at Planar-Thermo: 3.780 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.70	3.00	9.41	7.00	5.29
0.50	9.65	4.00	9.41	8.00	4.60
1.00	9.52	5.00	8.50	9.00	4.35
1.50	9.50	5.50	6.61	10.00	4.29
2.00	9.48	6.00	6.29	10.50	4.29

Lake # 227 — 4 OCT 72 — (Day 277) — Time: 09 00 CDT

Air Temperature: 4.4 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.71 (C)
Epilimnion Temperature: 9.61 (C)
Planar-Thermocline : 5.75 (M)

Wind: 2 - 3 KMPH
Weather Description: FOGGY
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.25 (M)
Change at Planar-Thermo: 2.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.71	4.00	8.83	8.00	5.18
0.50	9.71	5.00	8.67	9.00	4.86
1.00	9.61	5.50	7.82	10.00	4.84
2.00	9.31	6.00	6.81	10.50	4.82
3.00	9.00	7.00	5.61		

Lake # 227 — 18 OCT 72 — (Day 291) — Time: 10 00 CDT

Air Temperature: -9.4 (C)
Cloud Cover: 3 /10
Secchi Visibility: 1.7 (M)
Inflow Temperature:
Surface Temperature: 5.53 (C)
Epilimnion Temperature: 5.51 (C)
Planar-Thermocline : 9.5 (M)

Wind: 10 - 20 KMPH
Weather Description: SNOWING
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 10.5 (M)
Change at Planar-Thermo: 0.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.53	3.00	5.61	8.00	5.61
0.50	5.53	4.00	5.61	9.00	5.23
1.00	5.51	5.00	5.61	10.00	4.71
1.50	5.60	6.00	5.61	10.50	4.59
2.00	5.60	7.00	5.61		

Lake # 227 — 13 DEC 72 — (Day 347) — Time: 09 30 CDT

Air Temperature: -15 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .405 (C)
Epilimnion Temperature: 2.05 (C)
Planar-Thermocline : .75 (M)

Wind: -
Weather Description: CLEAR ICE
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .75 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.41	3.00	3.16	7.00	3.99
0.50	0.89	4.00	3.45	8.00	4.02
1.00	2.05	5.00	3.73	9.00	4.10
2.00	2.05	6.00	3.88	10.00	4.25

Lake # 227 — 23 JAN 73 — (Day 23) — Time: 09 30 CST

Air Temperature: -12.2 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .45 (C)
Epilimnion Temperature: 1.37 (C)
Planar-Thermocline : 1.5 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.45	4.00	3.50	8.00	3.93
1.00	1.37	5.00	3.67	9.00	4.07
2.00	2.78	6.00	3.70	10.00	4.22
3.00	3.24	7.00	3.77	10.25	4.22

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Lake # 227 20 FEB 73 (Day 51) Time: 10 00 CST
Air Temperature:
Cloud Cover: 6 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .45 (C)
Epilimnion Temperature: 1.12 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.54	4.00	3.56	8.00	3.92
1.00	1.12	5.00	3.62	9.00	4.11
2.00	2.67	6.00	3.70	10.00	4.22
3.00	3.32	7.00	3.82	10.10	4.23

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Lake # 227 21 MAR 73 (Day 80) Time: 14 00 CST
Air Temperature: 7.2 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .45 (C)
Epilimnion Temperature: 1.3 (C)
Planar-Thermocline : 1.875 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .775 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.50	0.48	2.25	3.03	6.00	3.80
1.00	1.30	2.50	3.12	7.00	3.94
1.25	1.67	2.75	3.24	8.00	4.04
1.50	2.12	3.00	3.51	9.00	4.18
1.75	2.41	4.00	3.57	10.00	4.34
2.00	2.94	5.00	3.67	10.20	4.34

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Lake # 227 12 APR 73 (Day 102) Time: 10 00 CST
Air Temperature: 7.2 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .4 (C)
Epilimnion Temperature: 3.8 (C)
Planar-Thermocline : .25 (M)

Wind: -
Weather Description: CALM
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.40	4.00	3.50	8.00	3.70
0.50	2.50	5.00	3.45	9.00	3.80
1.00	3.80	6.00	3.50	10.00	3.90
2.00	3.90	7.00	3.60	10.20	3.90
3.00	3.90				

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Lake # 227 2 MAY 73 (Day 122) Time: 09 38 CDT
Air Temperature: 1.6 (C)
Cloud Cover: 7 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 7.3 (C)
Epilimnion Temperature: 7.28 (C)
Planar-Thermocline : 2.5 (M)

Wind: 24 - 48 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 1.870 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.30	7.30	4.00	4.13	8.00	3.90
0.50	7.29	5.00	3.83	9.00	3.96
1.00	7.28	6.00	3.78	10.00	4.03
2.00	7.24	7.00	3.80	10.10	4.05
3.00	5.37				

Lake # 227 15 MAY 73 (Day 135) Time: 09 45 CDT
Air Temperature: 7.2 (C) Wind: 16 - 32 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.85 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.65 (C)
Epilimnion Temperature: 11.65 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.75 (M) Change at Planar-Thermo: 3.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.65	3.00	7.81	6.00	3.90
0.50	11.65	3.50	6.38	7.00	3.87
1.00	11.65	4.00	5.33	8.00	3.90
2.00	10.83	4.50	4.40	9.00	3.89
2.50	9.33	5.00	4.27	10.00	3.91

Lake # 227 11 JUN 73 (Day 162) Time: 09 00 CDT
Air Temperature: 10 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description: POLLEN HEAVY
Secchi Visibility: .75 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 19.7 (C)
Surface Temperature: 17.06 (C)
Epilimnion Temperature: 16.93 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 8.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.06	3.00	11.66	6.00	4.45
0.50	17.00	3.25	9.50	7.00	4.16
1.00	16.93	3.50	8.43	8.00	4.04
2.00	16.33	3.75	7.35	9.00	3.97
2.50	15.05	4.00	6.60	10.00	3.96
2.75	13.66	5.00	5.20	10.20	3.96

Lake # 227 28 MAY 73 (Day 148) Time: 09 00 CDT
Air Temperature: 10 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.1 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 16.55 (C)
Surface Temperature: 16.57 (C)
Epilimnion Temperature: 16.57 (C) Epilimnion Depth (1 C/M): 1.375 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 7.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.57	2.50	12.33	7.00	4.03
0.50	16.57	2.75	11.00	8.00	3.95
1.00	16.57	3.00	9.25	9.00	3.95
1.75	14.70	4.00	8.45	10.00	3.95
2.00	14.03	5.00	5.65	10.20	3.97
2.25	13.13	6.00	4.63		

Lake # 227 25 JUN 73 (Day 176) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: .75 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature: 21.72 (C)
Surface Temperature: 21.49 (C)
Epilimnion Temperature: 20.84 (C) Epilimnion Depth (1 C/M): .75 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.49	3.00	14.24	6.00	4.52
0.50	21.44	3.25	11.09	7.00	4.39
1.00	20.84	3.50	10.22	8.00	4.34
1.50	18.82	3.75	8.84	9.00	4.24
2.00	17.19	4.00	7.65	10.00	4.22
2.50	14.94	5.00	5.39	10.10	4.22

Lake # 227 9 JUL 73 (Day 190) Time: 09 30 CDT
Air Temperature: 23.8 (C) Wind: 3 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: .5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 23.48 (C)
Surface Temperature: 22.94 (C)
Epilimnion Temperature: 22.29 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.94	2.75	14.99	6.00	5.29
0.50	22.54	3.00	13.14	7.00	4.69
1.00	22.29	3.25	12.39	8.00	4.42
2.00	19.76	3.50	9.84	9.00	4.29
2.25	18.44	4.00	8.89	10.00	4.24
2.50	16.84	5.00	6.19	10.50	4.24

Lake # 227 23 JUL 73 (Day 204) Time: 09 15 CDT
Air Temperature: 17.4 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: LIGHT RAIN
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 19.64 (C)
Surface Temperature: 22.84 (C)
Epilimnion Temperature: 22.49 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Therm: 8.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.84	2.75	15.52	6.00	4.94
0.50	22.84	3.00	13.29	7.00	4.54
1.00	22.49	3.25	12.24	8.00	4.42
1.50	20.55	3.50	11.29	9.00	4.34
2.00	19.59	3.75	10.19	10.00	4.32
2.25	17.94	4.00	9.05	10.50	4.32
2.50	16.72	5.00	6.64		

Lake # 227 6 AUG 73 (Day 218) Time: 09 00 CDT
Air Temperature: 21 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 22.18 (C)
Surface Temperature: 22.16 (C)
Epilimnion Temperature: 22.14 (C) Epilimnion Depth (1 C/M): 1.375 (M)
Planar-Thermocline : 1.375 (M) Change at Planar-Therm: 6.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.16	2.75	15.63	5.00	6.55
1.00	22.14	3.00	14.33	6.00	5.33
1.25	22.10	3.25	13.07	7.00	4.63
1.50	20.56	3.50	11.72	8.00	4.41
1.75	19.73	3.75	10.57	9.00	4.33
2.00	18.70	4.00	9.38	10.00	4.28
2.25	17.76	4.50	7.35	10.25	4.28
2.50	16.93				

Lake # 227 20 AUG [illegible] (Day 232) Time: 09 30 CDT
Air Temperature: 21 (C) Wind: 3 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: .9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 20 (C)
Surface Temperature: 21.87 (C)
Epilimnion Temperature: 21.9 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Therm: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.87	3.25	13.32	5.00	6.80
0.50	21.89	3.50	11.84	6.00	5.67
1.00	21.90	3.75	11.00	7.00	4.95
2.00	20.24	4.00	9.99	8.00	4.48
2.25	18.24	4.25	8.42	9.00	4.39
2.50	17.47	4.50	7.87	10.00	4.36

Lake # 227 3 SEP 73 (Day 246) Time: 09 30 CDT
Air Temperature: 15 (C) Wind: 16 - 24 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 19.9 (C)
Surface Temperature: 20.44 (C)
Epilimnion Temperature: 20.47 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.44	3.00	15.88	5.00	7.10
1.00	20.47	3.25	14.30	6.00	6.17
2.00	20.46	3.50	12.74	7.00	5.16
2.25	20.30	3.75	11.54	8.00	4.62
2.50	19.20	4.00	9.87	9.00	4.36
2.75	17.70	4.50	8.36	10.00	4.40

Lake # 227 17 SEP 73 (Day 260) Time: 10 00 CDT
Air Temperature: 11 (C) Wind: 2 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 12.91 (C)
Surface Temperature: 13.04 (C)
Epilimnion Temperature: 13.02 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 5.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.04	4.50	9.12	7.00	5.01
1.00	13.02	4.75	8.07	8.00	4.41
2.00	12.99	5.00	7.40	9.00	4.48
3.00	12.93	5.50	6.32	10.00	4.43
4.00	11.78	6.00	5.80	10.25	4.42
4.25	10.37				

Lake # 227 24 SEP 73 (Day 267) Time: 09 25 CDT
Air Temperature: 8.6 (C) Wind: 16 - 24 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 10.2 (C)
Surface Temperature: 10.85 (C)
Epilimnion Temperature: 10.98 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 2.740 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.85	4.00	10.68	8.00	4.72
0.50	10.95	5.00	7.94	9.00	4.58
1.00	10.98	6.00	5.92	10.00	4.54
2.00	10.98	7.00	5.02	10.50	4.55
3.00	10.78				

Lake # 227 1 OCT 73 (Day 274) Time: 09 45 CDT
Air Temperature: Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.75 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 13.5 (C)
Surface Temperature: 13.06 (C)
Epilimnion Temperature: 13.06 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 2.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.06	3.75	10.85	6.00	6.14
0.50	13.06	4.00	10.58	7.00	5.44
1.00	13.06	4.25	10.35	8.00	4.88
2.00	12.58	4.50	9.92	9.00	4.72
3.00	11.26	4.75	9.42	10.00	4.65
3.25	11.10	5.00	8.68	10.25	4.68
3.50	10.98				

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Lake # 227 15 OCT 73 (Day 288) Time: 09 30 CDT
Air Temperature: 7.56 (C) Wind: 16 - 32 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.75 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 9.3 (C)
Surface Temperature: 9.2 (C)
Epilimnion Temperature: 9.24 (C) Epilimnion Depth (1 C/M): 5.375 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 3.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.20	5.00	8.85	7.00	5.50
0.50	9.24	5.25	8.70	7.50	5.05
1.00	9.24	5.50	8.22	8.00	4.95
2.00	9.24	5.75	7.25	9.00	4.75
3.00	9.24	6.00	6.52	10.00	4.70
4.00	9.24	6.50	5.85	10.25	4.70

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Lake # 227 18 OCT 73 (Day 291) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:FOLLOW THERM
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.8 (C)
Epilimnion Temperature: 7.78 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 2.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.80	4.00	7.50	7.00	6.01
0.50	7.80	5.00	7.56	8.00	4.95
1.00	7.78	6.00	7.34	9.00	4.81
2.00	7.73	6.25	6.88	9.75	4.70
3.00	7.62	6.50	6.35		

****

Lake # 227 23 OCT 73 (Day 296) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:FOLLOW THERM
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.52 (C)
Epilimnion Temperature: 8.51 (C) Epilimnion Depth (1 C/M): 6.75 (M)
Planar-Thermocline : 6.75 (M) Change at Planar-Thermo: 1.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.52	4.00	7.34	7.50	5.50
0.50	8.53	5.00	7.21	8.00	5.21
1.00	8.51	6.00	7.02	9.00	4.80
2.00	7.90	6.50	6.87	9.75	4.72
3.00	7.53	7.00	6.05		

****

Lake # 227 29 OCT 73 (Day 302) Time: 09 30 CDT
Air Temperature: 7.2 (C) Wind: 8 - 16 KMPH
Cloud Cover: 8 /10 Weather Description: SUNNY
Secchi Visibility: 1.75 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.7 (C)
Epilimnion Temperature: 6.7 (C) Epilimnion Depth (1 C/M): 10.25 (M)
Planar-Thermocline : 7.25 (M) Change at Planar-Thermo: 0.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.70	5.00	6.60	8.50	4.88
1.00	6.70	6.00	6.54	9.00	4.84
2.00	6.70	7.00	6.20	10.00	4.64
3.00	6.68	7.50	5.74	10.25	4.64
4.00	6.66	8.00	5.28		

****

Lake # 227 5 NOV 73 (Day 309) Time: 10 00 CST
Air Temperature: -10 (C)
Cloud Cover: 7 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 3.73 (C)
Epilimnion Temperature: 3.75 (C)
Planar-Thermocline : 9.5 (M)

Wind: 16 - 24 KMPH
Weather Description: OVERTURNED
Water Color:
Outflow Temperature: 1.71 (C)

Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: -.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.73	4.00	3.92	8.00	3.93
1.00	3.75	5.00	3.91	9.00	3.93
2.00	3.84	6.00	3.90	10.00	4.61
3.00	3.88	7.00	3.91		

****

Lake # 227 6 NOV 73 (Day 310) Time: 10 30 CST
Air Temperature: -10 (C)
Cloud Cover: 8 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 1.1 (C)
Epilimnion Temperature: 1.7 (C)
Planar-Thermocline : 1.5 (M)

Wind: 8 - 16 KMPH
Weather Description: 50% ICE
Water Color: YELLOW-BROWN
Outflow Temperature: 1.6 (C)

Epilimnion Depth (1 C/M): 10.25 (M)
Change at Planar-Thermo: -.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.10	4.00	3.68	8.00	4.00
1.00	1.70	5.00	3.70	9.00	4.30
2.00	2.60	6.00	3.80	10.00	4.60
3.00	3.10	7.00	3.81	10.25	4.65

****

Lake # 227 18 DEC 73 (Day 352) Time: 10 00 CST
Air Temperature: -20.5 (C)
Cloud Cover: 2 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .65 (C)
Epilimnion Temperature: 2.4 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: CLEAR,COLD
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.65	4.00	3.80	8.00	4.00
1.00	2.40	5.00	3.90	9.00	4.10
2.00	3.65	6.00	3.90	10.00	4.35
3.00	3.70	7.00	3.95	10.20	4.35

****

Lake # 227 22 JAN 74 (Day 22) Time: 10 30 CST
Air Temperature: -9.4 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .52 (C)
Epilimnion Temperature: 1.77 (C)
Planar-Thermocline : 1.5 (M)

Wind: 3 - 8 KMPH
Weather Description: CLEAR,SUNNY
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.52	4.00	3.74	8.00	4.00
1.00	1.77	5.00	3.82	9.00	4.00
2.00	3.44	6.00	3.90	10.00	4.22
3.00	3.64	7.00	3.94		

****

Lake # 227 — 0 MAR 74 — (Day 59) — Time: 12 30 CST
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .36 (C)
Epilimnion Temperature: 1.2 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description: CALM
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.36	4.00	3.82	8.00	4.15
1.00	1.20	5.00	3.92	9.00	4.20
2.00	2.67	6.00	4.00	10.00	4.30
3.00	3.63	7.00	4.07	10.20	4.32

****

Lake # 227 — 2 APR 74 — (Day 92) — Time: 10 00 CST
Air Temperature: -3.8 (C)
Cloud Cover: 8 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .35 (C)
Epilimnion Temperature: .44 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description: NEW SNOW
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.35	4.00	3.62	8.00	3.97
1.00	0.44	5.00	3.74	9.00	4.03
2.00	2.11	6.00	3.82	10.00	4.14
3.00	3.18	7.00	3.88	10.40	4.20

****

Lake # 227 — 21 MAY 74 — (Day 141) — Time: 09 15 CST
Air Temperature: 15.5 (C)
Cloud Cover: 5 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 13.55 (C)
Epilimnion Temperature: 11.35 (C)
Planar-Thermocline : 1.25 (M)
Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW-BROWN
Outflow Temperature: 14.99 (C)
Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Thermo: 3.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.55	2.50	6.92	7.00	4.22
0.50	12.70	3.00	6.45	8.00	4.21
1.00	11.35	4.00	5.49	9.00	4.20
1.50	9.60	5.00	4.52	10.00	4.20
2.00	8.60	6.00	4.30	10.50	4.20

****

Lake # 227 — 4 JUN 74 — (Day 155) — Time: 08 20 CST
Air Temperature: 18.3 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.5 (M)
Inflow Temperature:
Surface Temperature: 18.52 (C)
Epilimnion Temperature: 18.44 (C)
Planar-Thermocline : 1.875 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 18.3 (C)
Epilimnion Depth (1 C/M): 1.125 (M)
Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.52	2.50	9.30	5.00	4.85
1.00	18.44	2.75	8.68	6.00	4.48
1.25	18.15	3.00	7.70	7.00	4.41
1.50	16.65	3.25	6.81	8.00	4.36
1.75	15.10	3.50	6.38	9.00	4.33
2.00	13.15	3.75	5.95	10.00	4.32
2.25	11.25	4.00	5.65		

****

Lake # 227 18 JUN 74 (Day 169) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: -
Cloud Cover: 9 /10 Weather Description: POLLEN HEAVY
Secchi Visibility: .6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.38 (C)
Epilimnion Temperature: 16.35 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.38	3.00	8.72	6.00	4.68
1.00	16.35	3.25	7.83	7.00	4.47
2.00	14.70	3.50	6.98	8.00	4.41
2.25	13.68	3.75	6.69	9.00	4.38
2.50	12.23	4.00	6.21	10.00	4.35
2.75	9.72	5.00	5.07		

****

Lake # 227 2 JUL 74 (Day 183) Time: 09 35 CDT
Air Temperature: 21.1 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: OUTFLOW DRY
Secchi Visibility: .6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.05 (C)
Epilimnion Temperature: 21.59 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.05	2.25	14.49	6.00	4.66
1.00	21.59	2.50	12.81	7.00	4.45
1.25	20.89	2.75	10.99	8.00	4.41
1.50	20.75	3.00	9.62	9.00	4.39
1.75	19.65	4.00	6.98	10.00	4.39
2.00	17.12	5.00	5.45	10.10	4.39

****

Lake # 227 16 JUL 74 (Day 197) Time: 09 15 CDT
Air Temperature: 23.8 (C) Wind: -
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.7 (C)
Epilimnion Temperature: 23.32 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.70	3.00	11.05	6.00	4.88
1.00	23.32	3.25	9.00	7.00	4.70
2.00	23.20	3.50	7.85	8.00	4.58
2.25	16.42	3.75	7.38	9.00	4.48
2.50	14.50	4.00	6.78	10.00	4.43
2.75	12.60	5.00	5.75		

****

Lake # 227 30 JUL 74 (Day 211) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.62 (C)
Epilimnion Temperature: 18.68 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.62	3.00	12.80	6.00	4.95
1.00	18.68	3.25	10.50	7.00	4.61
2.00	18.68	3.50	9.15	8.00	4.55
2.25	18.50	3.75	8.55	9.00	4.50
2.50	17.97	4.00	7.53	10.00	4.50
2.75	16.59	5.00	6.05		

****

Lake # 227 13 AUG 74 (Day 225) Time: 09 00 CDT
Air Temperature: 18.3 (C) Wind: 8 - 16 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: .6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.9 (C)
Epilimnion Temperature: 19.88 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.90	3.00	14.25	6.00	5.04
1.00	19.88	3.25	11.85	7.00	4.61
2.00	19.58	3.50	10.52	8.00	4.51
2.25	18.32	3.75	9.25	9.00	4.48
2.50	17.60	4.00	8.25	10.00	4.45
2.75	16.42	5.00	5.92		

****

Lake # 227 27 AUG 74 (Day 239) Time: 08 45 CDT
Air Temperature: 12.7 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 14.8 (C)
Surface Temperature: 15.95 (C)
Epilimnion Temperature: 15.99 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 8.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.95	3.75	11.71	6.00	5.59
1.00	15.99	4.00	9.53	7.00	4.68
2.00	15.99	4.25	8.85	8.00	4.55
3.00	15.85	4.50	7.71	9.00	4.49
3.25	14.49	4.75	7.16	10.10	4.49
3.50	13.95	5.00	6.59		

****

Lake # 227 10 SEP 74 (Day 253) Time: 09 15 CDT
Air Temperature: 10 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: RAINING
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.2 (C)
Epilimnion Temperature: 14.36 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.20	3.75	12.38	7.00	4.85
1.00	14.36	4.00	10.58	8.00	4.70
2.00	14.40	4.25	7.85	9.00	4.61
3.00	13.50	5.00	6.41	10.00	4.58
3.25	13.35	6.00	5.45	10.25	4.55
3.50	12.80				

****

Lake # 227 17 SEP 74 (Day 260) Time: 19 30 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.93 (C)
Epilimnion Temperature: 13.82 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 5.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.93	4.00	11.52	6.00	5.55
0.50	13.94	4.25	11.00	7.00	4.83
1.00	13.82	4.50	9.55	8.00	4.66
2.00	12.15	4.75	8.30	9.00	4.59
3.00	11.93	5.00	7.31	10.00	4.53

****

Lake # 227 24 SEP 74 (Day 267) Time: 09 30 CDT
Air Temperature: 12.3 (C) Wind: 3 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: .9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 12 (C)
Surface Temperature: 11 (C)
Epilimnion Temperature: 11 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.00	5.00	8.95	7.00	4.90
1.00	11.00	5.25	6.40	8.00	4.72
2.00	10.70	5.50	6.10	9.00	4.68
3.00	10.39	5.75	5.75	10.00	4.61
3.50	10.30	6.00	5.52	10.25	4.61
4.00	10.10				

****

Lake # 227 8 OCT 74 (Day 281) Time: 09 30 CDT
Air Temperature: 3 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .75 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 6.3 (C)
Surface Temperature: 6.44 (C)
Epilimnion Temperature: 6.44 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 2.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.44	5.00	6.78	7.75	5.40
1.00	6.44	6.00	6.78	8.00	4.84
2.00	6.44	7.00	6.22	9.00	4.68
3.00	6.40	7.25	5.92	10.00	4.68
4.00	6.78	7.50	5.70	10.10	4.68

****

Lake # 227 22 OCT 74 (Day 295) Time: 09 15 CDT
Air Temperature: 4.4 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: .75 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.02 (C)
Epilimnion Temperature: 5.02 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 0.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.02	4.00	5.02	8.00	4.95
1.00	5.02	5.00	5.02	9.00	4.90
2.00	5.02	6.00	5.02	10.00	4.90
3.00	5.02	7.00	5.00		

****

Lake # 227 5 NOV 74 (Day 309) Time: 10 00 CST
Air Temperature: -3.8 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: SNOW FALLING
Secchi Visibility: 1.25 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 3.96 (C)
Epilimnion Temperature: 4 (C) Epilimnion Depth (1 C/M): 10.25 (M)
Planar-Thermocline : 10.125 (M) Change at Planar-Thermo: -.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.96	4.00	4.00	8.00	4.08
1.00	4.00	5.00	4.06	9.00	4.10
2.00	4.00	6.00	4.06	10.00	4.14
3.00	4.00	7.00	4.08	10.25	4.18

****

Lake # 227 13 MAY 75 (Day 133) Time: 09 30 CDT
Air Temperature: 21 (C) Wind: 8 - 16 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.3 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.26 (C)
Epilimnion Temperature: 14.05 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 1.25 (M) Change at Planar-Thermo: 6.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.26	3.00	6.61	8.00	3.95
1.00	14.05	4.00	5.45	9.00	4.04
1.50	10.80	5.00	3.95	10.00	4.14
2.00	9.42	6.00	3.93	10.20	4.15
2.50	7.75	7.00	3.90		

****

Lake # 227 27 MAY 75 (Day 147) Time: 09 30 CDT
Air Temperature: 19.9 (C) Wind: 16 - 19 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 1.9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.69 (C)
Epilimnion Temperature: 18.47 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.69	3.00	7.91	6.00	4.05
1.00	18.47	3.25	6.72	7.00	3.95
2.00	16.74	3.50	6.07	8.00	3.95
2.25	13.08	3.75	5.64	9.00	4.00
2.50	10.93	4.00	5.07	10.00	4.05
2.75	8.45	5.00	4.36		

****

Lake # 227 10 JUN 75 (Day 161) Time: 09 00 CDT
Air Temperature: 12 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: RAINING
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 17.5 (C)
Surface Temperature: 17.15 (C)
Epilimnion Temperature: 17.23 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 8.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.15	3.00	9.83	6.00	4.26
1.00	17.23	3.25	8.18	7.00	4.10
2.00	15.77	3.50	7.26	8.00	4.07
2.25	14.89	3.75	6.72	9.00	4.05
2.50	12.70	4.00	5.55	10.00	4.05
2.75	10.48	5.00	4.46	10.50	4.07

****

Lake # 227 24 JUN 75 (Day 175) Time: 09 45 CDT
Air Temperature: 20 (C) Wind: -
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 1.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.37 (C)
Epilimnion Temperature: 21.21 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.37	3.00	10.39	6.00	4.43
1.00	21.21	3.25	10.07	7.00	4.33
1.50	19.98	3.50	8.77	8.00	4.22
2.00	19.17	3.75	7.96	9.00	4.17
2.25	18.59	4.00	6.51	10.00	4.17
2.50	15.51	5.00	5.04	10.50	4.14
2.75	13.94				

****

Lake # 227 8 JUL 75 (Day 189) Time: 09 00 CDT
Air Temperature: 18 (C) Wind: 8 - 24 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: .8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.96 (C)
Epilimnion Temperature: 23.67 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 8.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.96	3.00	12.38	6.00	4.48
1.00	23.67	3.25	10.45	7.00	4.28
2.00	20.37	3.50	9.47	8.00	4.20
2.25	18.31	3.75	8.61	9.00	4.17
2.50	16.26	4.00	7.75	10.00	4.18
2.75	14.32	5.00	5.48		

****

Lake # 227 22 JUL 75 (Day 203) Time: 09 00 CDT
Air Temperature: 24.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.89 (C)
Epilimnion Temperature: 22.74 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.89	3.00	12.92	6.00	4.79
1.00	22.74	3.25	11.68	7.00	4.41
2.00	22.41	3.50	9.58	8.00	4.28
2.25	19.39	3.75	8.86	9.00	4.17
2.50	18.09	4.00	7.47	10.00	4.13
2.75	15.83	5.00	6.28	10.50	4.17

****

Lake # 227 5 AUG 75 (Day 217) Time: 09 15 CDT
Air Temperature: 17.1 (C) Wind: 0 - 3 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.26 (C)
Epilimnion Temperature: 21.37 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.26	3.50	10.61	5.00	5.75
1.00	21.37	3.75	9.85	6.00	4.70
2.00	21.26	4.00	8.56	7.00	4.50
2.50	19.66	4.25	7.58	8.00	4.29
2.75	17.50	4.50	6.72	9.00	4.29
3.00	14.91	4.75	6.07	9.50	4.29
3.25	12.54				

****

Lake # 227 19 AUG 75 (Day 231) Time: 08 15 CDT
Air Temperature: 14 (C) Wind: 0 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.2 (C)
Epilimnion Temperature: 18.23 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.20	3.50	12.87	6.00	4.71
1.00	18.23	3.75	12.11	7.00	4.40
2.00	18.23	4.00	9.58	8.00	4.29
3.00	17.12	4.50	7.80	9.00	4.24
3.25	14.75	5.00	6.56	10.00	4.21

****

Lake # 227 25 AUG 75 (Day 237) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 18.9 (C)
Epilimnion Temperature: 18.87 (C)
Planar-Thermocline : 4.125 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.90	3.25	15.67	5.00	6.13
1.00	18.87	3.50	14.05	5.50	5.32
2.00	18.74	3.75	12.60	6.00	4.95
2.25	18.31	4.00	11.20	7.00	4.57
2.50	18.06	4.25	9.15	8.00	4.41
2.75	17.61	4.50	7.85	9.00	4.35
3.00	16.96	4.75	7.31	10.00	4.35

****

Lake # 227 1 SEP 75 (Day 244) Time: 13 20 CDT
Air Temperature: 16.7 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 18.7 (C)
Epilimnion Temperature: 18.67 (C)
Planar-Thermocline : 3.125 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.625 (M)
Change at Planar-Thermo: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.70	3.25	15.57	5.00	6.55
1.00	18.67	3.50	14.03	5.50	5.53
2.00	18.24	3.75	13.03	6.00	5.12
2.25	18.03	4.00	11.41	7.00	4.62
2.50	17.98	4.25	9.65	8.00	4.46
2.75	17.68	4.50	8.23	9.00	4.36
3.00	17.39	4.75	7.36	9.50	4.36

****

Lake # 227 28 AUG 75 (Day 240) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 19.46 (C)
Epilimnion Temperature: 18.38 (C)
Planar-Thermocline : 3.375 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .875 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.46	2.50	17.61	4.75	7.26
0.50	19.28	2.75	17.48	5.00	6.45
0.75	19.17	3.00	17.34	5.25	5.91
1.00	18.38	3.25	16.85	5.50	5.48
1.25	18.20	3.50	14.32	6.00	5.29
1.50	18.04	3.75	12.89	6.50	4.98
1.75	17.98	4.00	11.58	7.00	4.89
2.00	17.80	4.25	10.34	8.00	4.70
[illegible]	[illegible]	4.50	8.47	9.00	4.68

****

Lake # 227 2 SEP 75 (Day 245) Time: 08 40 CDT
Air Temperature: 13 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 17.51 (C)
Epilimnion Temperature: 17.51 (C)
Planar-Thermocline : 4.125 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature: 14.5 (C)
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.51	4.00	11.88	5.50	5.00
1.00	17.51	4.25	9.98	6.00	4.92
2.00	17.53	4.50	8.51	7.00	4.47
3.00	17.05	4.75	7.38	8.00	4.39
3.25	15.74	5.00	6.40	9.00	4.29
3.50	14.32	5.25	5.99	10.00	4.29
3.75	12.87				

****

Lake # 227 6 SEP 75 (Day 249) Time: 09 10 CDT
Air Temperature: 10 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.95 (C)
Epilimnion Temperature: 12.89 (C) Epilimnion Depth (1 C/M): 4.125 (M
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 4.880 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.95	4.50	10.30	6.00	5.59
1.00	12.89	4.75	9.47	7.00	4.79
2.00	12.74	5.00	8.29	8.00	4.56
3.00	12.37	5.25	7.07	9.00	4.48
4.00	11.81	5.50	6.72	10.00	4.46
4.25	11.18	5.75	5.90		

****

Lake # 227 0 OCT 75 (Day 273) Time: 09 30 CDT
Air Temperature: 9.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 12.2 (C)
Surface Temperature: 12.97 (C)
Epilimnion Temperature: 12.99 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 4.520 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.97	4.50	10.45	6.50	5.12
1.00	12.99	4.75	9.32	7.00	5.26
2.00	12.99	5.00	8.69	8.00	4.86
3.00	12.22	5.50	6.85	9.00	4.82
4.00	11.31	6.00	6.23	10.00	4.81

****

Lake # 227 1 OCT 75 (Day 274) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.95 (C)
Epilimnion Temperature: 11.67 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.95	4.50	10.82	6.50	5.07
1.00	11.67	4.75	10.34	6.75	5.02
2.00	11.55	5.00	9.51	7.00	4.93
3.00	11.48	5.25	8.16	7.50	4.93
3.50	11.39	5.50	7.15	8.00	4.88
3.75	11.38	5.75	6.61	8.50	4.86
4.00	11.15	6.00	6.17	9.00	4.83
4.25	10.98	6.25	5.79	9.50	4.82

****

Lake # 227 8 OCT 75 (Day 281) Time: 17 20 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.36 (C)
Epilimnion Temperature: 12.32 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 5.600 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.36	4.50	10.29	6.00	6.23
1.00	12.32	5.00	9.64	7.00	5.09
2.00	11.90	5.25	8.77	8.00	4.68
3.00	11.25	5.50	7.37	9.00	4.60
4.00	11.12	5.75	6.56	10.00	4.57

****

Lake # 227 10 OCT 75 (Day 283) Time: 15 00 CDT
Air Temperature: 12.9 (C) Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.58 (C)
Epilimnion Temperature: 11.39 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 4.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.58	5.00	9.29	7.00	5.12
1.00	11.39	5.25	8.77	7.50	5.01
2.00	11.35	5.50	7.64	8.00	4.84
3.00	11.31	5.75	6.66	8.50	4.72
4.00	11.10	6.00	6.83	9.00	4.67
4.50	10.62	6.50	5.94	9.50	4.65
4.75	10.30				

****

Lake # 227 14 OCT 75 (Day 287) Time: 09 00 CDT
Air Temperature: 4 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature: 6.5 (C)
Surface Temperature: 10.36 (C)
Epilimnion Temperature: 10.37 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.36	5.00	9.88	6.50	5.56
1.00	10.37	5.25	9.00	7.00	5.24
2.00	10.38	5.50	8.29	8.00	4.78
3.00	10.38	5.75	7.00	9.00	4.65
4.00	10.38	6.00	6.47	10.00	4.57

****

Lake # 227 15 OCT 75 (Day 288) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.58 (C)
Epilimnion Temperature: 9.79 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 4.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.58	4.75	9.75	6.50	5.86
1.00	9.79	5.00	9.73	7.00	5.48
2.00	9.81	5.25	9.29	7.50	4.95
3.00	9.83	5.50	8.61	8.00	4.72
4.00	9.81	5.75	7.37	9.00	4.59
4.50	9.77	6.00	6.49	9.50	4.59

****

Lake # 227 20 OCT 75 (Day 293) Time: 14 00 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.39 (C)
Epilimnion Temperature: 9.18 (C) Epilimnion Depth (1 C/M): 5.625 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 4.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.39	5.25	8.57	6.75	5.55
1.00	9.18	5.50	8.50	7.00	5.31
2.00	9.10	5.75	8.08	7.50	5.14
3.00	8.79	6.00	7.22	8.00	4.94
4.00	8.72	6.25	6.20	9.00	4.67
5.00	8.63	6.50	5.76	10.00	4.63

****

Lake # 227 23 OCT 75 (Day 296) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.18 (C)
Epilimnion Temperature: 8.18 (C)
Planar-Thermocline : 6.25 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.25 (M)
Change at Planar-Thermo: 3.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.18	5.50	8.07	7.50	4.98
1 00	8.18	5.75	8.04	8.00	4.76
2.00	8.18	6.00	7.96	8.50	4.68
3.00	8.18	6.50	6.18	9.00	4.65
4.00	8.18	7.00	5.27	9.50	4.62
5.00	8.15				

****

Lake # 227 27 OCT 75 (Day 300) Time:
Air Temperature: 7.15 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 6.45 (C)
Epilimnion Temperature: 6.4 (C)
Planar-Thermocline : 7.75 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.75 (M)
Change at Planar-Thermo: 1.340 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.45	4.50	6.18	7.00	6.02
1.00	6.40	4.75	6.13	7.50	5.96
2.25	6.34	5.00	6.13	8.00	5.29
3.00	6.34	5.50	6.13	8.50	4.81
3.50	6.29	6.00	6.09	9.00	4.76
4.00	6.27	6.50	6.07	9.50	4.62

****

Lake # 227 28 OCT 75 (Day 301) Time: 09 00 CST
Air Temperature: 3 (C)
Cloud Cover: 4 /10
Secchi Visibility: 1.75 (M)
Inflow Temperature:
Surface Temperature: 5.96 (C)
Epilimnion Temperature: 5.99 (C)
Planar-Thermocline : 8.125 (M)

Wind: 3 - 6 KMPH
Weather Description: SNOWFALL
Water Color: YELLOW-BROWN
Outflow Temperature: 5.5 (C)
Epilimnion Depth (1 C/M): 8.125 (M)
Change at Planar-Thermo: 2.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.96	5.00	5.99	8.50	4.87
1.00	5.99	6.00	5.99	8.75	4.78
2.00	5.99	7.00	5.90	9.00	4.68
3.00	5.99	8.00	5.55	9.75	4.62
4.00	5.99	8.25	4.89		

****

Lake # 227 30 OCT 75 (Day 303) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 5.51 (C)
Epilimnion Temperature: 5.51 (C)
Planar-Thermocline : 9.25 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: 0.820 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.51	5.00	5.48	8.50	5.29
1.00	5.51	6.00	5.48	9.00	5.10
2.00	5.51	7.00	5.45	9.50	4.69
3.00	5.51	7.50	5.45	10.00	4.68
4.00	5.51	8.00	5.42		

****

Lake # 227 3 NOV 75 (Day 307) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 5.26 (C)
Epilimnion Temperature: 5.33 (C)
Planar-Thermocline : 3.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.5 (M)
Change at Planar-Thermo: 0.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.26	5.00	5.15	8.00	5.08
1.00	5.33	6.00	5.13	8.50	5.08
2.00	5.34	6.50	5.11	9.00	5.07
3.00	5.34	7.00	5.09	9.50	5.08
4.00	5.22	7.50	5.09		

****

Lake # 227 11 NOV 75 (Day 315) Time: 09 15 CST
Air Temperature: 3.1 (C)
Cloud Cover: 7 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 5 (C)
Epilimnion Temperature: 5.03 (C)
Planar-Thermocline : 7.5 (M)

Wind: 0 - 8 KMPH
Weather Description: WINDS GUSTY
Water Color: YELLOW-BROWN
Outflow Temperature: 2.4 (C)
Epilimnion Depth (1 C/M): 9.75 (M)
Change at Planar-Thermo: 0.060 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.00	4.00	5.01	8.00	4.89
1.00	5.03	5.00	5.01	9.00	4.89
2.00	5.03	6.00	5.00	9.75	4.89
3.00	5.02	7.00	4.95		

****

Lake # 227 12 MAY 76 (Day 132) Time: 10 15 CDT
Air Temperature: 14.1 (C)
Cloud Cover: 5 /10
Secchi Visibility: 3.1 (M)
Inflow Temperature:
Surface Temperature: 11.46 (C)
Epilimnion Temperature: 11.15 (C)
Planar-Thermocline : 2.625 (M)

Wind: -
Weather Description: HAZE
Water Color: GREEN -YELLOW
Outflow Temperature: 12.53 (C)
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 3.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.46	3.00	7.87	5.00	5.00
1.00	11.15	3.50	7.38	5.50	4.44
1.50	10.97	3.75	7.06	6.00	4.20
2.00	10.63	4.00	6.61	7.00	4.02
2.25	9.95	4.25	6.10	8.00	3.93
2.50	9.36	4.50	5.80	9.00	3.87
2.75	8.49	4.75	5.31	9.80	3.87

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Lake # 227 26 MAY 76 (Day 146) Time: 11 15 CDT
Air Temperature: 20 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 17.7 (C)
Epilimnion Temperature: 17.35 (C)
Planar-Thermocline : 2.875 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M
Change at Planar-Thermo: 8.560 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.70	3.50	9.04	5.50	4.86
1.00	17.35	3.75	8.12	5.75	4.76
2.00	16.46	4.00	7.36	6.00	4.61
2.25	15.08	4.25	6.96	7.00	4.36
2.50	13.40	4.50	6.28	8.00	4.17
2.75	11.92	4.75	5.83	9.00	4.12
3.00	9.78	5.00	5.46	10.00	4.12
3.25	9.59	5.25	5.04	10.10	4.12

Lake # 227 9 JUN 76 (Day 160) Time: 09 50 CDT
Air Temperature: 24.68 (C) Wind: -
Cloud Cover: 2 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.81 (C)
Epilimnion Temperature: 23.58 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.81	3.00	13.05	5.00	5.92
1.00	23.58	3.25	11.31	5.50	5.21
1.50	23.39	3.50	9.83	6.00	4.87
1.75	23.20	3.75	8.97	7.00	4.47
2.00	23.37	4.00	8.09	8.00	4.33
2.25	19.44	4.25	7.14	9.00	4.28
2.50	17.04	4.50	6.89	10.00	4.26
2.75	15.10	4.75	6.47	10.20	4.26

Lake # 227 7 JUL 76 (Day 188) Time: 09 30 CDT
Air Temperature: 25.3 (C) Wind: -
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 22.25 (C)
Surface Temperature: 23.88 (C)
Epilimnion Temperature: 23.72 (C) Epilimnion Depth (1 C/M): 1.875 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.88	3.00	16.15	5.00	6.67
1.00	23.72	3.25	14.50	6.00	5.49
1.50	23.63	3.50	13.00	7.00	4.57
1.75	23.60	3.75	11.54	8.00	4.32
2.00	22.12	4.00	10.15	9.00	4.21
2.25	20.30	4.25	9.14	10.00	4.19
2.50	18.76	4.50	8.13	10.20	4.19
2.75	17.29	4.75	7.30		

Lake # 227 23 JUN 76 (Day 174) Time: 09 40 CDT
Air Temperature: 25.1 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.36 (C)
Epilimnion Temperature: 19.23 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 8.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.36	3.00	15.32	5.00	6.55
1.00	19.23	3.25	14.21	5.50	5.69
1.50	18.14	3.50	12.43	6.00	5.18
1.75	17.69	3.75	10.31	7.00	4.48
2.00	17.34	4.00	9.03	8.00	4.24
2.25	16.90	4.25	8.33	9.00	4.14
2.50	16.56	4.50	7.61	10.00	4.14
2.75	16.02	4.75	7.03		

Lake # 227 21 JUL 76 (Day 202) Time: 09 30 CDT
Air Temperature: 21.8 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.81 (C)
Epilimnion Temperature: 21.78 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 9.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.81	3.25	16.41	5.00	6.88
1.00	21.78	3.50	14.16	5.50	6.34
2.00	21.57	3.75	12.68	6.00	5.71
2.25	20.76	4.00	11.08	7.00	4.75
2.50	20.50	4.25	9.75	8.00	4.53
2.75	19.69	4.50	8.53	9.00	4.37
3.00	18.32	4.75	7.64	9.70	4.35

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Lake # 227 4 AUG 76 (Day 216) Time: 09 10 CDT
Air Temperature: 29.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.51 (C)
Epilimnion Temperature: 21.41 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 8.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.51	3.50	15.79	5.50	6.63
1.00	21.41	3.75	13.76	6.00	5.80
2.00	21.23	4.00	11.82	7.00	4.82
2.50	20.86	4.25	10.50	8.00	4.48
2.75	20.47	4.50	9.47	9.00	4.38
3.00	18.98	4.75	8.29	10.00	4.34
3.25	17.26	5.00	7.54	10.20	4.34

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Lake # 227 18 AUG 76 (Day 230) Time: 09 00 CDT
Air Temperature: 23 (C) Wind: 8 - 16 KMPH
Cloud Cover: 1 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.23 (C)
Epilimnion Temperature: 20.19 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.23	3.75	14.78	5.50	7.07
1.00	20.19	4.00	13.12	6.00	6.27
2.00	20.12	4.25	11.92	7.00	5.26
3.00	19.05	4.50	10.22	8.00	4.59
3.25	17.91	4.75	9.03	9.00	4.39
3.50	16.32	5.00	8.16	10.00	4.34

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Lake # 227 1 SEP 76 (Day 244) Time: 09 00 CDT
Air Temperature: 14.9 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.75 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.71 (C)
Epilimnion Temperature: 18.76 (C) Epilimnion Depth (1 C/M): .25 (M)
Planar-Thermocline : .75 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.71	4.00	13.89	6.00	6.49
0.50	6.00	4.25	12.06	6.25	6.22
1.00	18.76	4.50	11.32	6.75	5.58
2.00	18.77	4.75	10.17	7.00	5.38
3.00	18.54	5.00	9.09	8.00	4.98
3.25	18.02	5.25	8.60	9.00	4.76
3.50	17.19	5.50	8.03	9.90	4.67
3.75	15.79	5.75	6.98		

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Lake # 227 15 SEP 76 (Day 258) Time: 09 35 CDT
Air Temperature: 12.6 (C) Wind: 0 - 8 KMPH
Cloud Cover: 9 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.34 (C)
Epilimnion Temperature: 16.34 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.34	4.25	13.61	6.00	7.14
1.00	16.34	4.50	12.34	6.50	6.13
2.00	16.35	4.75	10.64	7.00	5.54
3.00	16.32	5.00	9.75	8.00	5.02
3.50	16.06	5.25	8.82	9.00	4.77
3.75	15.57	5.50	8.11	9.80	4.72
4.00	14.92	5.75	7.59		

Lake # 227 13 OCT 76 (Day 286) Time: 09 00 CDT
Air Temperature: 12.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.25 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.11 (C)
Epilimnion Temperature: 8.1 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 2.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.11	5.00	7.73	7.50	5.74
1.00	8.10	6.00	7.68	7.75	5.59
2.00	8.09	6.50	7.40	8.00	5.31
3.00	7.93	7.00	6.91	9.00	5.00
4.00	7.80	7.25	6.17	9.90	4.95

Lake # 227 17 MAY 77 (Day 137) Time: 09 00 CDT
Air Temperature: 23.4 (C) Wind: 0 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 21.37 (C)
Surface Temperature: 20.46 (C)
Epilimnion Temperature: 20.39 (C) Epilimnion Depth (1 C/M): 1.375 (M)
Planar-Thermocline : 1.875 (M) Change at Planar-Thermo: 7.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.46	2.75	10.36	6.00	4.19
0.50	20.46	3.00	8.78	6.50	4.08
1.00	20.39	3.25	7.91	7.00	4.01
1.25	20.15	3.50	6.90	7.50	3.98
1.50	18.55	3.75	6.37	8.00	3.98
1.75	17.03	4.00	5.81	8.50	3.98
2.00	15.16	4.50	5.05	9.00	3.98
2.25	13.99	5.00	4.94	9.50	3.98
2.50	12.15	5.50	4.24		

Lake # 227 3 MAY 77 (Day 123) Time: 09 30 CDT
Air Temperature: 13.13 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: PALE -BROWN
Inflow Temperature: Outflow Temperature: 11.54 (C)
Surface Temperature: 12.05 (C)
Epilimnion Temperature: 12.05 (C) Epilimnion Depth (1 C/M): 1.75 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 8.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.05	3.00	6.17	6.00	3.95
0.50	12.05	3.25	5.47	6.50	3.91
1.00	12.05	3.50	5.35	7.00	3.91
1.50	12.04	3.75	4.77	7.50	3.91
2.00	10.95	4.00	4.58	8.00	3.84
2.25	8.88	4.50	4.29	8.50	3.84
2.50	7.37	5.00	4.05	9.00	3.84
2.75	6.37	5.50	4.05	9.50	3.84

Lake # 227 0 JUN 77 (Day 151) Time: 09 05 CDT
Air Temperature: 16.42 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 22.36 (C)
Surface Temperature: 22.17 (C)
Epilimnion Temperature: 22.18 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.17	3.25	10.97	5.75	5.02
0.50	22.21	3.50	9.15	6.00	4.90
1.00	22.18	3.75	7.89	6.50	4.81
1.50	20.17	4.00	7.54	7.00	4.75
1.75	20.14	4.25	6.49	7.50	4.68
2.00	20.35	4.50	6.35	8.00	4.66
2.25	17.44	4.75	5.88	8.50	4.64
2.50	15.44	5.00	5.65	9.00	4.64
2.75	14.22	5.25	5.47	9.50	4.64
3.00	12.95	5.50	5.27		

Lake # 227 14 JUN 77 (Day 165) Time: 08 20 CDT
Air Temperature: 12.52 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 16.99 (C)
Epilimnion Temperature: 17.03 (C)
Planar-Thermocline : 3.125 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 15.73 (C)
Epilimnion Depth (1 C/M): 2.875 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.99	3.25	12.98	5.50	5.03
0.50	17.03	3.50	11.56	6.00	4.67
1.00	17.03	3.75	10.03	6.50	4.44
1.50	17.03	4.00	8.55	7.00	4.31
2.00	17.03	4.25	8.03	7.50	4.27
2.50	17.03	4.50	6.74	8.00	4.19
2.75	16.88	4.75	6.04	9.00	4.14
3.00	15.49	5.00	5.80	10.00	4.14

Lake # 227 12 JUL 77 (Day 193) Time: 09 15 CDT
Air Temperature: 19.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.5 (M)
Inflow Temperature:
Surface Temperature: 20.6 (C)
Epilimnion Temperature: 20.62 (C)
Planar-Thermocline : 3.375 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 19.14 (C)
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.60	3.50	11.85	5.50	5.56
1.00	20.62	3.75	11.12	6.00	5.30
2.00	20.53	4.00	9.69	6.50	4.88
2.25	19.83	4.25	9.13	7.00	4.64
2.50	18.88	4.50	9.07	7.50	4.47
2.75	16.78	4.75	7.23	8.00	4.37
3.00	15.71	5.00	6.67	9.00	4.18
3.25	14.05	5.25	6.11	10.00	4.13

Lake # 227 28 JUN 77 (Day 179) Time: 08 40 CDT
Air Temperature: 16.85 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.5 (M)
Inflow Temperature:
Surface Temperature: 22.18 (C)
Epilimnion Temperature: 22.31 (C)
Planar-Thermocline : 1.625 (M)
Wind: -
Weather Description:
Water Color: BROWN -YELLOW
Outflow Temperature: 21.49 (C)
Epilimnion Depth (1 C/M): 1.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.18	3.25	13.35	6.50	4.58
0.50	22.29	3.50	12.20	7.00	4.82
1.00	22.31	3.75	11.08	7.50	4.39
1.50	22.31	4.00	9.27	8.00	4.27
1.75	19.62	4.25	8.12	8.50	4.23
2.00	18.90	4.50	7.17	9.00	4.21
2.25	18.07	4.75	6.52	9.50	4.21
2.50	16.73	5.00	5.98	10.00	4.17
2.75	15.71	5.50	5.42	11.00	4.20
3.00	14.39	6.00	4.78		

Lake # 227 26 JUL 77 (Day 207) Time: 08 30 CDT
Air Temperature: 21 (C)
Cloud Cover: 2 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 22.26 (C)
Epilimnion Temperature: 22.26 (C)
Planar-Thermocline : 3.375 (M)
Wind: -
Weather Description: NO OUTFLOW
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.26	3.75	11.68	6.00	5.10
1.00	22.26	4.00	10.82	6.50	4.81
2.00	22.21	4.25	9.43	7.00	4.54
2.50	20.82	4.50	7.82	7.50	4.43
2.75	18.65	4.75	7.05	8.00	4.32
3.00	16.15	5.00	6.49	9.00	4.21
3.25	15.49	5.50	6.13	10.00	4.21
3.50	12.51				

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Lake # 227 9 AUG 77 (Day 221) Time: 08 30 CDT
Air Temperature: 17 (C) Wind: 5 - 6 KMPH
Cloud Cover: 8 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.19 (C)
Epilimnion Temperature: 20.19 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.19	4.00	12.18	6.00	5.52
1.00	20.19	4.25	9.98	6.50	4.92
2.00	19.78	4.50	8.49	7.00	4.81
3.00	18.76	4.75	7.77	7.50	4.54
3.25	16.26	5.00	7.02	9.00	4.49
3.50	14.00	5.25	6.44	10.00	4.27
3.75	13.19	5.50	6.18		

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Lake # 227 23 AUG 77 (Day 235) Time: 09 00 CDT
Air Temperature: 11.3 (C) Wind: 8 - 10 KMPH
Cloud Cover: 2 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.59 (C)
Epilimnion Temperature: 16.69 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 7.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.59	4.25	11.51	6.00	5.94
1.00	16.69	4.50	10.53	6.50	5.37
2.00	16.70	4.75	8.59	7.00	4.62
3.00	16.50	5.00	7.74	7.50	4.52
3.25	16.16	5.25	7.36	8.00	4.47
3.50	15.34	5.50	6.70	9.00	4.37
3.75	13.76	5.75	6.29	10.00	4.29
4.00	12.78				

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Lake # 227 20 SEP 77 (Day 263) Time: 08 40 CDT
Air Temperature: 11.42 (C) Wind: 0 - 8 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 1.25 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 13 (C)
Surface Temperature: 13.53 (C)
Epilimnion Temperature: 13.59 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.53	4.50	10.87	7.00	5.57
1.00	13.59	4.75	9.36	8.00	4.72
2.00	13.59	5.00	7.66	9.00	4.52
3.00	13.59	5.50	7.27	10.00	4.42
4.00	11.92	6.00	6.25	10.25	4.42
4.25	11.43				

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Lake # 227 18 OCT 77 (Day 291) Time: 09 00 CDT
Air Temperature: 5.8 (C) Wind: 0 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 6.6 (C)
Surface Temperature: 7.04 (C)
Epilimnion Temperature: 7.06 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.04	5.00	7.06	7.75	4.77
1.00	7.06	6.00	6.92	8.00	4.77
2.00	7.06	7.00	6.24	9.00	4.68
3.00	7.06	7.25	5.92	10.00	4.67
4.00	7.06	7.50	5.32	10.25	4.67

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Lake # 227 1 NOV 77 (Day 305) Time: 08 40 CST
Air Temperature: 9.35 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 6.16 (C)
Surface Temperature: 6.87 (C)
Epilimnion Temperature: 6.85 (C) Epilimnion Depth (1 C/M): 8.5 (M)
Planar-Thermocline : 8.5 (M) Change at Planar-Thermo: 1.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.87	5.00	6.83	9.25	4.70
1.00	6.85	6.00	6.81	9.50	4.69
2.00	6.84	7.00	6.74	9.75	4.66
3.00	6.83	8.00	6.17	10.00	4.66
4.00	6.83	9.00	4.89	10.10	4.60

Lake # 227 23 MAY 78 (Day 143) Time: 09 00 CDT
Air Temperature: 22.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 2.7 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature: 16.5 (C)
Surface Temperature: 16.86 (C)
Epilimnion Temperature: 16.55 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 8.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.86	2.50	8.60	5.00	4.59
1.00	16.55	2.75	7.58	6.00	4.50
1.50	15.79	3.00	7.06	7.00	4.43
1.75	14.04	3.50	6.10	8.00	4.40
2.00	12.08	4.00	5.31	9.00	4.40
2.25	9.85	4.50	4.96	10.00	4.40

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Lake # 227 9 MAY 78 (Day 129) Time: 09 03 CDT
Air Temperature: 8.83 (C) Wind: 5 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secch. Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 9 (C)
Surface Temperature: 9.72 (C)
Epilimnion Temperature: 9.74 (C) Epilimnion Depth (1 C/M): 1.375 (M)
Planar-Thermocline : 1.875 (M) Change at Planar-Thermo: 4.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.72	2.25	6.51	4.00	4.63
0.50	9.74	2.50	6.14	5.00	4.51
1.00	9.74	2.75	5.84	6.00	4.42
1.25	9.63	3.00	5.59	7.00	4.40
1.50	9.20	3.25	5.00	8.00	4.40
1.75	8.22	3.50	4.80	9.00	4.40
2.00	7.20	3.75	4.72	10.00	4.40

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Lake # 227 20 JUN 78 (Day 171) Time: 08 55 CDT
Air Temperature: 12.7 (C) Wind: 19 - 24 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 16.7 (C)
Surface Temperature: 18.21 (C)
Epilimnion Temperature: 18.22 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.21	3.25	8.91	5.50	4.91
0.50	18.24	3.50	8.61	5.75	4.90
1.00	18.22	3.75	7.58	6.00	4.73
1.50	18.22	4.00	6.99	7.00	4.58
2.00	18.00	4.25	5.42	8.00	4.52
2.25	16.28	4.50	6.01	9.00	4.51
2.50	13.43	4.75	5.71	10.00	4.50
2.75	11.26	5.00	5.52	10.50	4.51
3.00	9.61	5.25	5.00		

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Lake # 227 4 JUL 78 (Day 185) Time: 08 40 CDT
Air Temperature: 22.3 (C) Wind: 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 22 (C)
Surface Temperature: 22.99 (C)
Epilimnion Temperature: 22.72 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.99	3.25	10.20	5.25	5.07
1.00	22.72	3.50	9.46	5.50	4.72
1.50	22.30	3.75	7.93	5.75	4.56
1.75	21.54	4.00	7.23	6.00	4.49
2.00	20.08	4.25	6.34	7.00	4.31
2.25	17.52	4.50	5.92	8.00	4.22
2.50	15.72	4.75	5.78	9.00	4.21
2.75	13.26	5.00	5.37	10.00	4.16
3.00	11.15				

Lake # 227 1 AUG 78 (Day 213) Time: 08 22 CDT
Air Temperature: 19.56 (C) Wind: 5 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 1.55 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature: 17.7 (C)
Surface Temperature: 19.7 (C)
Epilimnion Temperature: 19.7 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.70	3.50	11.40	5.50	5.14
1.00	19.70	3.75	10.13	5.75	4.94
2.00	19.60	4.00	8.55	6.00	4.64
2.25	19.11	4.25	7.58	6.50	4.46
2.50	19.72	4.50	7.00	7.00	4.26
2.75	19.15	4.75	6.40	8.00	4.12
3.00	15.64	5.00	5.78	9.00	4.05
3.25	13.20	5.25	5.40	10.00	4.02

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Lake # 227 18 JUL 78 (Day 1[illegible]) Time: 08 25 CDT
Air Temperature: 20.35 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.7 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature: 21.5 (C)
Surface Temperature: 22.01 (C)
Epilimnion Temperature: 22.14 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.01	3.25	12.67	5.00	5.95
1.00	22.14	3.50	11.32	5.50	5.18
1.50	21.20	3.75	9.30	6.00	4.66
2.00	20.43	4.00	8.25	7.00	4.35
2.25	19.27	4.25	7.59	8.00	4.30
2.50	18.30	4.50	7.33	9.00	4.20
2.75	16.65	4.75	6.51	10.00	4.18
3.00	13.33				

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Lake # 227 15 AUG 78 (Day 227) Time: 08 20 CDT
Air Temperature: 18.13 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.02 (C)
Epilimnion Temperature: 22.04 (C) Epilimnion Depth (1 C/M): 1.75 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.02	3.25	14.49	5.00	6.40
1.00	22.04	3.50	12.94	5.50	5.42
1.50	21.65	3.75	11.08	6.00	4.98
2.00	2[illegible].99	4.00	9.57	7.00	4.27
2.25	20.09	4.25	8.03	8.00	4.12
2.50	18.83	4.50	7.64	9.00	4.06
2.75	17.08	4.75	6.94	10.00	4.00
3.00	16.10				

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Lake # 227 29 AUG 78
Air Temperature: 15.1 (C)
Cloud Cover: 9 /10
Secchi Visibility: .92 (M)
Inflow Temperature:
Surface Temperature: 17.81 (C)
Epilimnion Temperature: 17.81 (C)
Planar-Thermocline : 4.125 (M)

(Day 241) Time: 08 35 CDT
Wind: 6 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 17.8 (C)

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 9.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.81	3.50	13.65	5.50	5.95
1.00	17.81	3.75	12.41	5.75	5.67
2.00	17.81	4.00	11.60	6.00	5.30
2.25	17.49	4.25	9.34	7.00	4.59
2.50	17.36	4.50	8.54	8.00	4.39
2.75	17.02	4.75	7.67	9.00	4.27
3.00	16.01	5.00	7.12	10.00	4.24
3.25	15.28	5.25	6.44		

Lake # 227 26 SEP 78
Air Temperature: 12.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 12.41 (C)
Epilimnion Temperature: 12.45 (C)
Planar-Thermocline : 4.625 (M)

(Day 269) Time: 08 26 CDT
Wind: 2 - 5 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 11.2 (C)

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 5.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.41	4.50	11.00	6.00	6.49
1.00	12.45	4.75	9.54	7.00	5.31
2.00	12.44	5.00	8.67	8.00	4.74
3.00	12.44	5.25	7.97	9.00	4.61
4.00	12.30	5.50	7.04	10.00	4.53
4.25	11.77	5.75	6.55		

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Lake # 227 12 SEP 78
Air Temperature: 9.52 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 15.81 (C)
Epilimnion Temperature: 15.84 (C)
Planar-Thermocline : 3.875 (M)

(Day 255) Time: 08 40 CDT
Wind: 27 - 32 KMPH
Weather Description: NO OUTFLOW
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.81	4.00	11.36	6.00	5.77
1.00	15.84	4.25	10.18	7.00	5.09
2.00	15.80	4.50	8.79	8.00	4.51
3.00	15.74	4.75	8.08	9.00	4.35
3.25	15.43	5.00	7.32	10.00	4.30
3.50	14.60	5.25	6.78	10.50	4.30
3.75	13.03	5.50	6.28		

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Lake # 227 24 OCT 78
Air Temperature: 11 (C)
Cloud Cover: 7 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 6.88 (C)
Epilimnion Temperature: 6.84 (C)
Planar-Thermocline : 7.875 (M)

(Day 297) Time: 08 30 CDT
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 5.4 (C)

Epilimnion Depth (1 C/M): 7.125 (M)
Change at Planar-Thermo: 2.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.88	5.00	6.84	7.75	5.51
1.00	6.84	6.00	6.84	8.00	4.89
2.00	6.84	7.00	6.46	9.00	4.66
3.00	6.84	7.25	6.13	10.00	4.60
4.00	6.84	7.50	6.02	10.25	4.55

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Lake # 227 22 MAY 79 (Day 142) Time: 08 10 CDT
Air Temperature: 9 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.25 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 12 (C)
Surface Temperature: 11.75 (C)
Epilimnion Temperature: 11.75 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 5.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.75	2.75	6.52	4.75	4.61
1.00	11.75	3.00	6.12	5.00	4.54
1.25	10.78	3.25	5.79	6.00	4.29
1.50	10.56	3.50	5.44	7.00	4.18
1.75	10.09	3.75	5.24	8.00	4.07
2.00	9.44	4.00	5.09	9.00	4.02
2.25	8.64	4.25	5.85	10.00	4.01
2.50	7.30	4.50	4.72	10.30	4.04

Lake # 227 17 JUL 79 (Day 198) Time: 08 15 CDT
Air Temperature: 17.2 (C) Wind: 0 - 3 KM/H
Cloud Cover: 3 /10 Weather Description: NO OUTFLOW
Secchi Visibility: .9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.02 (C)
Epilimnion Temperature: 20.06 (C) Epilimnion Depth (1 C/M): 1.875 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.02	3.00	10.23	5.25	4.71
1.00	20.06	3.25	8.38	5.50	4.61
1.25	19.97	3.50	7.49	5.75	4.56
1.50	20.02	3.75	6.75	6.00	4.53
1.75	19.78	4.00	6.14	7.00	4.35
2.00	18.85	4.25	5.87	8.00	4.31
2.25	16.39	4.50	5.46	9.00	4.22
2.50	13.12	4.75	5.36	10.00	4.21
2.75	11.55	5.00	5.12		

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Lake # 227 19 JUN 79 (Day 170) Time: 08 22 CDT
Air Temperature: 17 (C) Wind: 8 - 11 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 16 (C)
Surface Temperature: 20 (C)
Epilimnion Temperature: 20.05 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 1.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	2.75	9.04	4.75	4.79
1.00	20.05	3.00	7.84	5.00	4.72
1.25	19.98	3.25	7.36	6.00	4.46
1.50	20.00	3.50	6.45	7.00	4.36
1.75	16.80	3.75	5.88	8.00	4.24
2.00	14.50	4.00	5.40	9.00	4.22
2.25	12.48	4.25	5.16	10.00	4.20
2.50	11.10	4.50	5.10	10.25	4.22

Lake # 227 14 AUG 79 (Day 226) Time: 08 50 CDT
Air Temperature: 13.6 (C) Wind: 8 - 16 KMPH
Cloud Cover: 9 /10 Weather Description: NO OUTFLOW
Secchi Visibility: .5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.1 (C)
Epilimnion Temperature: 17.12 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.10	3.50	9.20	5.50	5.12
1.00	17.12	3.75	8.07	5.75	5.10
2.00	17.09	4.00	7.13	6.00	5.09
2.25	16.97	4.25	6.51	7.00	5.03
2.50	16.79	4.50	6.09	8.00	5.03
2.75	14.91	4.75	5.74	9.00	4.43
3.00	12.35	5.00	5.49	9.75	4.41
3.25	10.49	5.25	5.28		

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Lake # 227 11 SEP 79 (Day 254) Time: 08 30 CDT
Air Temperature: 10 (C) Wind: 8 - 11 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.26 (C)
Epilimnion Temperature: 14.27 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.26	3.50	10.53	5.50	5.36
1.00	14.27	3.75	9.26	5.75	5.14
2.00	14.26	4.00	8.41	6.00	5.00
2.25	14.22	4.25	7.60	7.00	4.64
2.50	14.19	4.50	7.08	8.00	4.53
2.75	13.81	4.75	6.58	9.00	4.51
3.00	13.46	5.00	5.99	10.00	4.51
3.25	12.31	5.25	5.60		

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Lake # 227 9 OCT 79 (Day 282) Time: 08 40 CDT
Air Temperature: 4 (C) Wind: -
Cloud Cover: 3 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.28 (C)
Epilimnion Temperature: 8.39 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 3.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.28	4.75	8.04	6.50	5.21
1.00	8.39	5.00	7.68	6.75	5.06
2.00	8.41	5.25	6.80	7.00	5.01
3.00	8.43	5.50	6.32	8.00	4.81
4.00	8.39	5.75	6.00	9.00	4.72
4.25	8.32	6.00	5.41	10.00	4.65
4.50	8.20	6.25	5.25		

Lake # 227 30 OCT 79 (Day 303) Time: 09 05 CDT
Air Temperature: 8.2 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.2 (M) Water Color: BROWN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.21 (C)
Epilimnion Temperature: 4.21 (C) Epilimnion Depth (1 C/M): 10.12 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: -.010 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.21	4.00	4.22	8.00	4.22
1.00	4.21	5.00	4.22	9.00	4.22
2.00	4.21	6.00	4.22	10.00	4.22
3.00	4.22	7.00	4.22	10.12	4.22

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Lake # 227 7 MAY 80 (Day 127) Time: 09 00 CDT
Air Temperature: 5 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 12.5 (C)
Surface Temperature: 14.14 (C)
Epilimnion Temperature: 14.1 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 1.625 (M) Change at Planar-Thermo: 8.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.14	2.50	7.92	5.00	4.39
1.00	14.10	2.75	6.89	6.00	4.28
1.25	14.09	3.00	5.96	7.00	4.27
1.50	14.04	3.25	5.52	8.00	4.27
1.75	11.81	3.50	5.26	9.00	4.31
2.00	10.41	3.75	4.99	10.00	4.33
2.25	8.72	4.00	4.66		

Lake # 227 6 JUN 80 (Day 157) Time:
Air Temperature: 17.5 (C) Wind: 2 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .8 (M) Water Color: GREEN -BROWN
Inflow Temperature: Outflow Temperature: 14.2 (C)
Surface Temperature: 17.79 (C)
Epilimnion Temperature: 17.8 (C) Epilimnion Depth (1 C/M): 1.875 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 8.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.79	2.75	10.06	4.75	4.87
1.00	17.80	3.00	8.62	5.00	4.70
1.25	17.77	3.25	7.30	6.00	4.39
1.50	17.80	3.50	6.00	7.00	4.33
1.75	17.73	3.75	6.11	8.00	4.32
2.00	16.30	4.00	5.60	9.00	4.31
2.25	14.30	4.25	5.31	9.20	4.32
2.50	12.11	4.50	5.11		

Lake # 227 30 JUL 80 (Day 211) Time: 08 45 CDT
Air Temperature: 25 (C) Wind: 0 - 1 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: .4 (M) Water Color: DARK -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.5 (C)
Epilimnion Temperature: 21.42 (C) Epilimnion Depth (1 C/M): 1.875 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.50	3.00	12.84	5.25	5.21
1.00	21.42	3.25	10.81	5.50	5.10
1.25	21.42	3.50	9.52	5.75	5.00
1.50	21.48	3.75	8.91	6.00	4.81
1.75	21.46	4.00	7.90	7.00	4.57
2.00	20.10	4.25	6.48	8.00	4.42
2.25	18.90	4.50	6.14	9.00	4.39
2.50	17.05	4.75	5.85	10.00	4.37
2.75	15.49	5.00	5.49		

Lake # 227 2 JUL 80 (Day 183) Time: 08 15 CDT
Air Temperature: 15.2 (C) Wind: 0 - 2 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .4 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.77 (C)
Epilimnion Temperature: 17.84 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 9.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.77	3.25	9.18	5.00	4.96
1.00	17.84	3.50	7.72	6.00	4.59
2.00	17.50	3.75	6.95	7.00	4.43
2.25	16.09	4.00	6.44	8.00	4.39
2.50	15.45	4.25	5.88	9.00	4.35
2.75	13.18	4.50	5.48	9.50	4.33
3.00	11.17	4.75	5.25		

Lake # 227 27 AUG 80 (Day 239) Time: 83 50 CDT
Air Temperature: 15 (C) Wind: 2 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: .5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 8.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	3.75	10.11	6.00	5.00
1.00	20.20	4.00	8.81	6.25	5.00
2.00	19.30	4.25	7.91	6.50	5.00
2.25	18.90	4.50	7.01	6.75	5.00
2.50	16.89	4.75	6.80	7.00	5.00
2.75	15.70	5.00	6.19	8.00	4.91
3.00	14.19	5.25	5.90	9.00	4.81
3.25	12.85	5.50	5.70	9.75	4.71
3.50	11.38	5.75	5.10		

Lake # 227 24 SEP 80 (Day 267) Time:
Air Temperature: 8.88 (C)
Cloud Cover: 6 /10
Secchi Visibility: .4 (M)
Inflow Temperature:
Surface Temperature: 10.21 (C)
Epilimnion Temperature: 10.24 (C)
Planar-Thermocline : 4.875 (M)

Wind: 0 - 5 KMPH
Weather Description: HAZE
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 5.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.21	4.75	8.71	6.50	5.21
1.00	10.24	5.00	7.32	7.00	4.98
2.00	10.25	5.25	6.89	8.00	4.81
3.00	10.23	5.50	6.21	9.00	4.72
4.00	9.96	5.75	5.79	10.00	4.68
4.25	9.90	6.00	5.52	10.25	4.63
4.50	9.69	6.25	5.37		

Lake # 227 4 MAY 81 (Day 124) Time: 09 00 CDT
Air Temperature: 5.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.41 (M)
Inflow Temperature:
Surface Temperature: 11.47 (C)
Epilimnion Temperature: 11.5 (C)
Planar-Thermocline : 1.875 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: DARK -GREEN
Outflow Temperature: 9 (C)

Epilimnion Depth (1 C/M): 1.625 (M)
Change at Planar-Thermo: 6.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.47	2.25	8.88	5.00	5.43
1.00	11.50	2.50	7.67	6.00	5.24
1.25	11.48	2.75	7.25	7.00	5.10
1.50	11.41	3.00	6.82	8.00	4.76
1.75	10.91	3.50	6.10	9.00	4.51
2.00	9.27	4.00	5.71	10.00	4.44

Lake # 227 22 OCT 80 (Day 295) Time: 09 30 CDT
Air Temperature: 3.5 (C)
Cloud Cover:
Secchi Visibility: .47 (M)
Inflow Temperature:
Surface Temperature: 5.79 (C)
Epilimnion Temperature: 5.8 (C)
Planar-Thermocline : 8.5 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature: 3.7 (C)

Epilimnion Depth (1 C/M): 10.5 (M)
Change at Planar-Thermo: 0.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.79	4.00	5.81	8.00	5.46
1.00	5.80	5.00	5.80	9.00	4.96
2.00	5.80	6.00	5.79	10.00	4.91
3.00	5.81	7.00	5.75	10.50	4.86

Lake # 227 19 MAY 81 (Day 139) Time: 09 20 CDT
Air Temperature: 17.5 (C)
Cloud Cover: 1 /10
Secchi Visibility: 1.4 (M)
Inflow Temperature:
Surface Temperature: 15.23 (C)
Epilimnion Temperature: 15.03 (C)
Planar-Thermocline : 2.875 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature: 11.7 (C)

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.23	3.00	9.70	5.00	5.71
1.00	15.03	3.25	8.76	6.00	5.34
2.00	14.21	3.50	8.02	7.00	5.05
2.25	13.89	3.75	7.26	8.00	4.82
2.50	12.57	4.00	6.82	9.00	4.61
2.75	11.35	4.50	6.10	10.00	4.53

Lake # 227 2 JUN 81 (Day 153) Time: 09 00 CDT
Air Temperature: 14.3 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 15.62 (C)
Epilimnion Temperature: 15.62 (C)
Planar-Thermocline : 2.875 (M)
Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 7.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.62	3.25	10.74	5.00	5.67
1.00	15.62	3.50	9.65	6.00	5.39
2.00	15.60	3.75	8.52	7.00	4.89
2.25	14.73	4.00	7.53	8.00	4.65
2.50	14.22	4.25	6.83	9.00	4.53
2.75	13.22	4.50	6.41	10.00	4.46
3.00	11.31	4.75	6.17		

Lake # 227 0 JUL 81 (Day 181) Time: 09 00 CDT
Air Temperature: 21 (C)
Cloud Cover: 2 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 19.92 (C)
Epilimnion Temperature: 19.6 (C)
Planar-Thermocline : 5.875 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 20 (C)
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: . (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.92	3.50	12.72	5.75	15.87
1.00	19.60	3.75	11.43	6.00	5.80
1.50	18.97	4.00	10.03	7.00	5.35
2.00	18.19	4.25	9.08	8.00	5.09
2.25	17.67	4.50	8.02	9.00	4.97
2.50	16.79	4.75	7.32	10.00	4.92
3.00	15.08	5.00	6.82	10.25	4.89
3.25	13.92	5.50	6.11		

Lake # 227 16 JUN 81 (Day 167) Time: 09 00 CDT
Air Temperature: 10.8 (C)
Cloud Cover: 5 /10
Secchi Visibility: 1.1 (M)
Inflow Temperature:
Surface Temperature: 17.72 (C)
Epilimnion Temperature: 17.72 (C)
Planar-Thermocline : 3.625 (M)
Wind: 10 - 15 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 16 (C)
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 7.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.72	3.25	13.23	5.00	6.72
1.00	17.72	3.50	11.86	6.00	5.74
2.00	17.66	3.75	9.89	7.00	5.27
2.25	17.51	4.00	9.18	8.00	5.09
2.50	16.89	4.25	8.50	9.00	5.00
2.75	16.03	4.50	7.82	10.00	4.91
3.00	14.52	4.75	7.28		

Lake # 227 14 JUL 81 (Day 195) Time: 09 30 CDT
Air Temperature: 26 (C)
Cloud Cover: 3 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 23.9 (C)
Epilimnion Temperature: 23.68 (C)
Planar-Thermocline : 2.375 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature: 24 (C)
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: 9.040 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.90	3.00	14.35	4.75	6.47
1.00	23.68	3.25	13.51	5.00	6.14
1.50	22.65	3.50	11.66	6.00	5.19
1.75	21.69	3.75	10.76	7.00	4.76
2.00	20.35	4.00	9.56	8.00	4.52
2.25	19.52	4.25	7.71	9.00	4.23
2.50	17.26	4.50	7.34	10.00	4.13
2.75	16.02				

Lake # 227 28 JUL 81 (Day 209) Time: 08 50 CDT
Air Temperature: 21.8 (C)
Cloud Cover: 0 /10
Secchi Visibility: .62 (M)
Inflow Temperature:
Surface Temperature: 20.64 (C)
Epilimnion Temperature: 20.55 (C)
Planar-Thermocline : 2.875 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: ORANGE-YELLOW
Outflow Temperature: 18 (C)
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.64	3.25	14.73	5.00	7.42
1.00	20.55	3.50	13.35	5.50	6.64
2.00	20.28	3.75	11.71	6.00	6.23
2.25	20.02	4.00	10.49	7.00	5.31
2.50	19.67	4.25	9.38	8.00	5.00
2.75	18.82	4.50	8.58	9.00	4.92
3.00	16.62	4.75	7.83	10.00	4.84

Lake # 227 25 AUG 81 (Day 237) Time: 08 51 CDT
Air Temperature: 18.4 (C)
Cloud Cover: 8 /10
Secchi Visibility: .9 (M)
Inflow Temperature:
Surface Temperature: 21.61 (C)
Epilimnion Temperature: 21.61 (C)
Planar-Thermocline : 4.375 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M
Change at Planar-Thermo: 7.080 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.61	3.25	15.64	5.00	7.69
1.00	21.61	3.50	14.21	5.50	6.83
2.00	21.32	3.75	12.63	6.00	6.33
2.25	19.70	4.00	11.63	7.00	5.65
2.50	19.29	4.25	10.76	8.00	5.30
2.75	18.30	4.50	8.99	9.00	5.31
3.00	17.34	4.75	8.27	10.00	5.31

Lake # 227 11 AUG 81 (Day 223) Time: 09 10 CDT
Air Temperature: 19.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: .6 (M)
Inflow Temperature:
Surface Temperature: 21.87 (C)
Epilimnion Temperature: 21.84 (C)
Planar-Thermocline : 2.875 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 18.1 (C)
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 7.480 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.87	3.50	13.85	5.50	6.65
1.00	21.84	3.75	12.72	5.75	6.52
2.00	21.59	4.00	11.44	6.00	6.18
2.25	21.09	4.25	9.62	7.00	5.44
2.50	20.12	4.50	8.94	8.00	5.15
2.75	18.62	4.75	8.54	9.00	4.97
3.00	16.75	5.00	7.67	10.00	4.86
3.25	15.21	5.25	6.90		

Lake # 227 8 SEP 81 (Day 251) Time: 08 53 CDT
Air Temperature: 13 (C)
Cloud Cover: 0 /10
Secchi Visibility: .7 (M)
Inflow Temperature:
Surface Temperature: 16.96 (C)
Epilimnion Temperature: 16.93 (C)
Planar-Thermocline : 3.875 (M)
Wind: 5 - 10 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature: 14.2 (C)
Epilimnion Depth (1 C/M): 3.375 (M
Change at Planar-Thermo: 7.560 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.96	4.00	12.42	5.75	6.74
1.00	16.93	4.25	11.26	6.00	6.37
2.00	16.93	4.50	10.83	7.00	5.64
3.00	16.69	4.75	9.71	8.00	5.39
3.25	16.54	5.00	8.45	9.00	5.15
3.50	15.81	5.25	7.88	10.00	5.37
3.75	14.31	5.50	7.23		

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Lake # 227 28 SEP 81 (Day 271) Time: 08 45 CDT
Air Temperature: 8 (C)
Cloud Cover: 1 /10
Secchi Visibility: .6 (M)
Inflow Temperature:
Surface Temperature: 13.94 (C)
Epilimnion Temperature: 13.98 (C)
Planar-Thermocline : 4.375 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature: 10.5 (C)

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.94	4.50	10.56	6.00	6.72
1.00	13.98	4.75	9.50	7.00	5.67
2.00	13.40	5.00	8.46	8.00	5.36
3.00	13.79	5.25	7.91	9.00	5.17
4.00	13.57	5.50	7.49	10.00	5.17
4.25	12.26	5.75	7.16		

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Lake # 227 20 OCT 81 (Day 293) Time: 09 07 CDT
Air Temperature: 3.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 6.14 (C)
Epilimnion Temperature: 6.14 (C)
Planar-Thermocline : 2.5 (M)

Wind: 20 - 25 KMPH
Weather Description: SNOWING
Water Color: YELLOW-BROWN
Outflow Temperature: 4 (C)

Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: 0.190 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.14	4.00	5.95	8.00	5.95
1.00	6.14	5.00	5.95	9.00	5.95
2.00	6.14	6.00	5.95	10.00	5.95
3.00	5.95	7.00	5.95		

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Lake # 227 6 OCT 81 (Day 279) Time: 08 45 CDT
Air Temperature: 8 (C)
Cloud Cover: 7 /10
Secchi Visibility: .8 (M)
Inflow Temperature:
Surface Temperature: 8.63 (C)
Epilimnion Temperature: 8.63 (C)
Planar-Thermocline : 6.125 (M)

Wind: 15 - 20 KMPH
Weather Description:
Water Color: BROWN -YELLOW
Outflow Temperature: 7 (C)

Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: 2.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.63	5.00	8.63	7.00	6.34
1.00	8.63	6.00	8.63	8.00	5.65
2.00	8.63	6.25	7.90	9.00	5.34
3.00	8.63	6.50	7.56	10.00	5.17
4.00	8.63	6.75	7.07		

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Lake # 227 11 MAY 82 (Day 131) Time: 09 00 CDT
Air Temperature: 9.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 12.56 (C)
Epilimnion Temperature: 11.29 (C)
Planar-Thermocline : 1.875 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature: 10 (C)

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: 7.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.56	2.50	7.58	5.00	4.60
1.00	11.29	2.75	6.82	6.00	4.38
1.25	11.19	3.00	6.08	7.00	4.30
1.50	10.99	3.25	5.62	8.00	4.30
1.75	10.89	3.50	5.46	9.00	4.30
2.00	9.01	3.75	5.26	10.00	4.30
2.25	8.49	4.00	5.15		

Lake # 227 25 MAY 82 (Day 145) Time: 09 51 CDT
Air Temperature: 20 (C)
Cloud Cover: 7 /10
Secchi Visibility: .8 (M)
Inflow Temperature:
Surface Temperature: 18.37 (C)
Epilimnion Temperature: 17.15 (C)
Planar-Thermocline : 1.375 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature: 17 (C)
Epilimnion Depth (1 C/M): .125 (M)
Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.37	2.00	11.50	4.00	5.10
0.25	18.10	2.25	10.20	5.00	4.51
0.50	18.32	2.50	9.41	6.00	4.18
0.75	17.70	2.75	8.08	7.00	4.01
1.00	17.15	3.00	7.15	8.00	3.99
1.25	16.25	3.25	6.35	9.00	3.99
1.50	14.10	3.50	5.98	10.00	3.99
1.75	12.49	3.75	5.55		

Lake # 227 22 JUN 82 (Day 173) Time: 09 15 CST
Air Temperature: 19 (C)
Cloud Cover: 3 /10
Secch Visibility: 1.6 (M)
Inflo: Temperature:
Surface Temperature: 17.88 (C)
Epilimnion Temperature: 17.8 (C)
Planar-Thermocline : 3.125 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.625 (M)
Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.88	2.75	12.60	4.75	5.25
1.00	17.80	3.00	10.80	5.00	4.86
1.25	17.65	3.25	8.50	6.00	4.39
1.50	17.52	3.50	7.59	7.00	4.20
1.75	17.15	3.75	6.80	8.00	4.12
2.00	16.60	4.00	6.21	9.00	4.09
2.25	15.57	4.25	5.62	10.00	4.09
2.50	13.78	4.50	5.45		

Lake # 227 8 JUN 82 (Day 159) Time: 09 07 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 15.44 (C)
Epilimnion Temperature: 15.44 (C)
Planar-Thermocline : 2.625 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature: 12 (C)
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.44	3.00	8.60	6.00	4.55
1.00	15.44	3.25	7.63	7.00	4.52
2.00	15.43	3.50	6.83	8.00	4.46
2.25	13.47	3.75	6.15	9.00	4.44
2.50	12.38	4.00	5.68	10.00	4.47
2.75	9.50	5.00	4.86		

Lake # 227 6 JUL 82 (Day 187) Time: 09 07 CDT
Air Temperature: 24.5 (C)
Cloud Cover: 8 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 20.35 (C)
Epilimnion Temperature: 19.87 (C)
Planar-Thermocline : 2.875 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.125 (M)
Change at Planar-Thermo: 9.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.35	2.75	15.06	4.75	5.41
1.00	19.87	3.00	12.73	5.00	5.13
1.25	19.29	3.25	11.02	6.00	4.53
1.50	19.15	3.50	9.33	7.00	4.27
1.75	18.84	3.75	8.11	8.00	4.22
2.00	18.52	4.00	7.22	9.00	4.17
2.25	17.94	4.25	6.33	10.00	4.14
2.50	16.74	4.50	5.87		

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Lake # 227 20 JUL 82 (Day 201) Time: 09 05 CDT
Air Temperature: 20 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 0 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.16 (C)
Epilimnion Temperature: 21.14 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 7.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.16	2.75	14.48	4.75	5.92
1.00	21.14	3.00	12.66	5.00	5.40
1.25	20.99	3.25	11.39	6.00	4.68
1.50	20.93	3.50	10.28	7.00	4.40
1.75	20.05	3.75	9.13	8.00	4.40
2.00	19.11	4.00	8.19	9.00	4.24
2.25	17.83	4.25	7.27	10.00	4.22
2.50	16.44	4.50	6.64		

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Lake # 227 17 AUG 82 (Day 229) Time: 09 23 CDT
Air Temperature: 21 (C) Wind: 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: .3 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.42 (C)
Epilimnion Temperature: 21.32 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 6.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.42	3.00	14.15	5.25	5.53
1.00	21.32	3.25	12.74	5.50	5.34
1.25	20.32	3.50	11.02	5.75	5.19
1.50	19.19	3.75	9.54	6.00	4.92
1.75	18.14	4.00	8.90	7.00	4.53
2.00	17.63	4.25	7.81	8.00	4.39
2.25	16.93	4.50	7.01	9.00	4.32
2.50	16.02	4.75	6.68	10.00	4.29
2.75	15.02	5.00	6.72		

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Lake # 227 3 AUG 82 (Day 215) Time: 09 10 CDT
Air Temperature: 18 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .3 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.85 (C)
Epilimnion Temperature: 19.85 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 7.520 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.85	3.25	11.71	5.00	5.78
1.00	19.85	3.50	10.82	6.00	4.81
2.00	19.04	3.75	8.94	7.00	4.41
2.25	17.45	4.00	8.20	8.00	4.25
2.50	15.94	4.25	7.13	9.00	4.19
2.75	15.08	4.50	6.63	10.00	4.19
3.00	13.32	4.75	6.61		

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Lake # 227 0 SEP 82 (Day 243) Time: 09 35 CDT
Air Temperature: 14 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .28 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.59 (C)
Epilimnion Temperature: 14.63 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 4.490 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.59	4.50	7.52	6.00	5.08
1.00	14.63	4.75	7.00	7.00	4.52
2.00	14.52	5.00	6.20	8.00	4.45
3.00	13.58	5.25	5.60	9.00	4.31
4.00	9.06	5.50	5.36	10.00	4.28
4.25	8.15	5.75	5.23		

Lake # 227 14 SEP 82 (Day 257) Time: 10 06 CDT
Air Temperature: 5 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 14.54 (C)
Epilimnion Temperature: 14.54 (C)
Planar-Thermocline : 3.625 (M)

Wind: 25 - 30 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.54	3.25	12.07	5.00	6.42
1.00	14.54	3.50	11.22	6.00	5.44
2.00	14.63	3.75	9.82	7.00	4.79
2.25	14.51	4.00	9.03	8.00	4.66
2.50	14.16	4.25	8.04	9.00	4.39
2.75	13.54	4.50	7.44	10.00	4.37
3.00	13.21	4.75	6.75		

Lake # 227 12 OCT 82 (Day 285) Time: 09 30 CDT
Air Temperature: 7.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 8.22 (C)
Epilimnion Temperature: 8.22 (C)
Planar-Thermocline : 6.745 (M)

Wind: 0 - C KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.22	5.25	7.90	6.75	5.16
1.00	8.22	5.50	7.82	7.00	5.01
2.00	8.22	5.75	7.41	8.00	4.65
3.00	8.22	6.25	5.61	9.00	4.46
4.00	8.22	6.50	5.41	10.00	4.44
5.00	8.12	6.74	6.75		

Lake # 227 28 SEP 82 (Day 271) Time: 09 25 CDT
Air Temperature: 8.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 10.67 (C)
Epilimnion Temperature: 10.72 (C)
Planar-Thermocline : 4.5 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 3.430 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.67	5.50	6.11	7.25	4.45
1.00	10.72	5.75	5.83	7.50	4.42
2.00	10.72	6.00	5.39	7.75	4.40
3.00	10.70	6.25	5.13	8.00	4.38
4.00	10.62	6.50	4.92	9.00	4.29
5.00	7.19	6.75	4.85	10.00	4.22
5.25	6.66	7.00	4.58	10.25	4.20

Lake # 227 26 OCT 82 (Day 299) Time: 10 45 CDT
Air Temperature: 10 (C)
Cloud Cover: 5 /10
Secchi Visibility: .8 (M)
Inflow Temperature:
Surface Temperature: 6.76 (C)
Epilimnion Temperature: 6.67 (C)
Planar-Thermocline : 8.5 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: 0.510 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.76	4.00	5.90	8.00	5.21
1.00	6.67	5.00	5.71	9.00	4.70
2.00	6.36	6.00	5.71	10.00	4.59
3.00	6.16	7.00	5.60		

Lake # 227 11 MAY 83 (Day 131) Time: 09 57 CDT
Air Temperature: 12 (C)
Cloud Cover: 2 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.6 (C)
Epilimnion Temperature: 9.3 (C)
Planar-Thermocline : 2.125 (M)

Wind: NW 10 - 15 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.60	3.00	4.50	6.00	3.20
1.00	9.30	3.25	3.90	7.00	3.20
2.00	8.90	3.50	3.60	8.00	3.20
2.25	7.30	3.75	3.50	9.00	3.20
2.50	6.10	4.00	3.50	10.00	3.20
2.75	4.60	5.00	3.50		

Lake # 227 24 MAY 83 (Day 144) Time: 08 40 CDT
Air Temperature: 6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.4 (M)
Inflow Temperature:
Surface Temperature: 13.2 (C)
Epilimnion Temperature: 13.3 (C)
Planar-Thermocline : 3.125 (M)

Wind: NW 15 - 20 KMPH
Weather Description:
Water Color: TURQ -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.375 (M)
Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.20	2.50	9.80	5.00	5.00
1.00	13.30	2.75	9.10	6.00	4.50
1.25	13.20	3.00	8.30	7.00	4.10
1.50	12.60	3.25	7.00	8.00	4.00
1.75	12.10	3.50	5.90	9.00	4.00
2.00	11.50	3.75	5.40	10.00	4.00
2.25	10.50	4.00	5.20		

Lake # 227 17 MAY 83 (Day 137) Time: 09 15 CDT
Air Temperature: 13 (C)
Cloud Cover: 5 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 9.8 (C)
Epilimnion Temperature: 9.6 (C)
Planar-Thermocline : 3.125 (M)

Wind: SW 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.625 (M)
Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.80	2.50	8.30	5.00	4.60
1.00	9.60	2.75	8.00	6.00	4.10
1.25	9.40	3.00	7.60	7.00	4.10
1.50	9.40	3.25	6.30	8.00	4.00
1.75	9.10	3.50	5.30	9.00	4.10
2.00	8.70	3.75	4.80	10.00	4.10
2.25	8.60	4.00	4.70		

Lake # 227 7 JUN 83 (Day 158) Time: 09 00 CDT
Air Temperature: 14 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 14.79 (C)
Epilimnion Temperature: 14.34 (C)
Planar-Thermocline : 2.375 (M)

Wind: W 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.79	3.00	8.39	6.00	4.01
1.00	14.34	3.25	7.15	7.00	3.76
2.00	13.94	3.50	6.06	8.00	3.66
2.25	13.69	3.75	5.46	9.00	3.66
2.50	11.69	4.00	5.31	10.00	3.66
2.75	9.69	5.00	4.81		

Lake # 227 21 JUN 83 (Day 172) Time: 08 45 CDT
Air Temperature: 22 (C)
Cloud Cover: 7 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 20.2 (C)
Epilimnion Temperature: 19.9 (C)
Planar-Thermocline : 2.875 (M)
Wind: S 0 - 5 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.125 (M)
Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.20	2.75	12.30	4.75	5.00
1.00	19.90	3.00	10.30	5.00	4.80
1.25	19.50	3.25	8.90	6.00	4.20
1.50	19.40	3.50	7.70	7.00	3.90
1.75	18.10	3.75	6.80	8.00	3.70
2.00	16.80	4.00	6.30	9.00	3.70
2.25	15.50	4.25	5.60	10.00	3.70
2.50	14.10	4.50	5.20		

Lake # 227 19 JUL 83 (Day 200) Time: 09 30 CDT
Air Temperature: 22 (C)
Cloud Cover: 7 /10
Secchi Visibility: .6 (M)
Inflow Temperature:
Surface Temperature: 24.7 (C)
Epilimnion Temperature: 24.4 (C)
Planar-Thermocline : 1.875 (M)
Wind: 0 - 0 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.125 (M)
Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.70	2.75	14.50	4.75	5.70
1.00	24.40	3.00	13.00	5.00	5.50
1.25	24.10	3.25	11.60	6.00	4.80
1.50	23.10	3.50	10.10	7.00	4.40
1.75	21.10	3.75	8.80	8.00	4.30
2.00	19.00	4.00	7.90	9.00	4.20
2.25	17.80	4.25	6.80	10.00	4.20
2.50	16.20	4.50	6.10		

Lake # 227 5 JUL 83 (Day 186) Time: 09 30 CDT
Air Temperature: 17 (C)
Cloud Cover: 2 /10
Secchi Visibility: .8 (M)
Inflow Temperature:
Surface Temperature: 16.8 (C)
Epilimnion Temperature: 16.6 (C)
Planar-Thermocline : 2.625 (M)
Wind: NE 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.80	3.25	9.15	5.00	4.70
1.00	16.60	3.50	8.15	6.00	3.90
2.00	16.40	3.75	6.65	7.00	3.60
2.25	16.00	4.00	6.05	8.00	3.45
2.50	15.50	4.25	5.70	9.00	3.40
2.75	12.90	4.50	5.20	10.00	3.40
3.00	10.30	4.75	4.90		

Lake # 227 2 AUG 83 (Day 214) Time: 11 45 CDT
Air Temperature: 24 (C)
Cloud Cover: 7 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 23.3 (C)
Epilimnion Temperature: 23.3 (C)
Planar-Thermocline : 2.625 (M)
Wind: W 15 - 20 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.30	2.75	13.80	4.75	5.30
1.00	23.30	3.00	12.40	5.00	4.90
1.25	23.20	3.25	10.90	6.00	4.00
1.50	22.60	3.50	9.50	7.00	3.70
1.75	22.20	3.75	8.20	8.00	3.60
2.00	20.90	4.00	7.00	9.00	3.50
2.25	19.30	4.25	6.30	10.00	3.50
2.50	17.00	4.50	5.90		

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Lake # 227 16 AUG 83 (Day 228) Time: 09 30 CDT
Air Temperature: 19 (C) Wind: NE 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.3 (C)
Epilimnion Temperature: 22.4 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.30	3.50	11.20	5.50	5.40
1.00	22.40	3.75	10.00	5.75	5.10
2.00	22.40	4.00	8.80	6.00	4.90
2.25	21.50	4.25	8.10	7.00	4.50
2.50	20.10	4.50	7.10	8.00	4.30
2.75	17.50	4.75	6.50	9.00	4.20
3.00	15.60	5.00	6.10	10.00	4.20
3.25	13.40	5.25	5.60		

Lake # 227 13 SEP 83 (Day 256) Time: 09 00 CDT
Air Temperature: 13 (C) Wind: N 5 - 10 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.9 (C)
Epilimnion Temperature: 15.9 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.90	4.00	11.00	5.50	5.90
1.00	15.90	4.25	9.70	6.00	5.00
2.00	15.90	4.50	8.40	7.00	4.70
3.00	15.90	4.75	7.30	8.00	4.40
3.25	15.40	5.00	6.80	9.00	4.30
3.50	15.00	5.25	6.30	10.00	4.20
3.75	13.60				

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Lake # 227 30 AUG 83 (Day 242) Time: 08 55 CDT
Air Temperature: 21 (C) Wind: 0 - 0 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.55 (C)
Epilimnion Temperature: 21.55 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 9.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.55	3.25	14.85	5.00	5.65
1.00	21.55	3.50	12.50	6.00	4.75
2.00	21.45	3.75	10.75	7.00	4.00
2.25	20.85	4.00	8.95	8.00	3.80
2.50	19.75	4.25	7.85	9.00	3.70
2.75	18.35	4.50	6.95	10.00	3.70
3.00	16.50	4.75	6.10		

Lake # 227 27 SEP 83 (Day 270) Time: 08 35 CDT
Air Temperature: 15 (C) Wind: SW 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.45 (C)
Epilimnion Temperature: 11.25 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 4.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.45	4.50	8.65	6.00	4.80
1.00	11.25	4.75	8.45	7.00	4.20
2.00	9.95	5.00	7.30	8.00	4.00
3.00	9.35	5.25	6.55	9.00	3.80
4.00	8.95	5.50	5.90	10.00	3.75
4.25	8.80	5.75	5.20		

Lake # 227 11 OCT 83 (Day 284) Time: 08 48 CDT
Air Temperature: 7 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.8 (C)
Epilimnion Temperature: 8.8 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.80	5.25	8.30	6.75	4.90
1.00	8.80	5.50	7.50	7.00	4.80
2.00	8.80	5.75	6.50	8.00	4.50
3.00	8.80	6.00	5.90	9.00	4.30
4.00	8.80	6.25	5.30	10.00	4.30
5.00	8.60	6.50	5.10		

Lake # 227 26 OCT 83 (Day 299) Time: 08 51 CDT
Air Temperature: 6 (C) Wind: 0 - 0 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.2 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.2 (C)
Epilimnion Temperature: 5.2 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.20	4.00	5.30	8.00	4.20
1.00	5.20	5.00	5.30	9.00	4.00
2.00	5.30	6.00	5.30	10.00	3.90
3.00	5.30	7.00	5.10		

Lake # 228 11 JUL 70 (Day 192) Time: 15 45 CDT
Air Temperature: 25 (C) Wind: -
Cloud Cover: 9 /10 Weather Description: CLEAR
Secchi Visibility: 10.25 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.25 (C)
Epilimnion Temperature: 20.25 (C) Epilimnion Depth (1 C/M): 6.5 (M)
Planar-Thermocline : 8.25 (M) Change at Planar-Thermo: 8.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.25	9.00	10.50	25.00	4.80
5.00	19.40	10.00	9.60	30.00	4.80
8.00	16.15	15.00	6.15	35.00	4.80
8.50	12.10	20.00	5.20		

Lake # 228 27 MAY 71 (Day 147) Time: 10 20 CDT
Air Temperature: 16 (C) Wind: 2 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 14 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.5 (C)
Epilimnion Temperature: 6.4 (C) Epilimnion Depth (1 C/M): 110 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.690 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.50	8.00	5.48	50.00	4.84
1.00	6.40	10.00	5.42	60.00	4.76
2.00	6.34	15.00	5.33	70.00	4.46
3.00	5.65	20.00	5.30	80.00	4.35
4.00	5.56	25.00	5.26	90.00	4.28
5.00	5.52	30.00	5.22	.	4.22
6.00	5.48	40.00	5.04	.	4.14

Lake # 228 21 JUN 71 (Day 172) Time: 07 45 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 13.5 (M)
Inflow Temperature:
Surface Temperature: 17.1 (C)
Epilimnion Temperature: 17.1 (C)
Planar-Thermocline : 3.5 (M)
Wind: 0 - 2 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 2.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.10	8.00	10.88	20.00	6.02
1.00	17.10	9.00	10.10	30.00	5.20
2.00	17.09	10.00	9.62	40.00	4.90
3.00	17.07	11.00	8.82	60.00	4.72
4.00	15.01	12.00	8.48	80.00	4.64
5.00	13.13	13.00	8.30	.	4.58
6.00	11.80	14.00	7.63	.	4.56
7.00	11.50	15.00	7.22		

Lake # 228 16 AUG 71 (Day 228) Time: 09 15 CDT
Air Temperature:
Cloud Cover: 8 /10
Secchi Visibility: 11 (M)
Inflow Temperature:
Surface Temperature: 18.31 (C)
Epilimnion Temperature: 18.31 (C)
Planar-Thermocline : 11.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 11.5 (M)
Change at Planar-Thermo: 3.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.31	13.00	9.99	20.00	6.03
1.00	18.31	14.00	9.38	30.00	5.16
3.00	18.28	15.00	7.85	40.00	4.95
5.00	18.20	16.00	7.09	50.00	4.83
7.00	18.18	17.00	6.62	60.00	4.74
10.00	18.04	18.00	6.45	80.00	4.60
11.00	17.35	19.00	6.20	.	4.36
12.00	13.51				

Lake # 228 26 JUL 71 (Day 207) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 10.8 (M)
Inflow Temperature:
Surface Temperature: 18 (C)
Epilimnion Temperature: 18.1 (C)
Planar-Thermocline : 11.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.5 (M)
Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.00	12.00	9.05	55.00	4.75
1.00	18.10	13.00	8.00	60.00	4.75
2.00	18.10	15.00	7.59	65.00	4.80
3.00	17.96	16.00	7.29	70.00	4.80
4.00	17.96	18.00	6.85	75.00	4.80
5.00	17.85	20.00	6.30	80.00	4.80
6.00	17.71	25.00	5.72	85.00	4.80
7.00	17.70	30.00	5.40	90.00	4.80
8.00	17.70	35.00	5.30	95.00	4.80
9.00	17.69	40.00	5.12	.	4.80
10.00	16.45	45.00	5.02	.	4.80
11.00	13.05	50.00	4.88	.	4.80

Lake # 228 7 OCT 71 (Day 280) Time: 08 50 CDT
Air Temperature: 9.9 (C)
Cloud Cover: 8 /10
Secchi Visibility: 9.8 (M)
Inflow Temperature:
Surface Temperature: 13.29 (C)
Epilimnion Temperature: 13.29 (C)
Planar-Thermocline : 13.75 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 13.75 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.29	15.00	9.45	45.00	5.23
1.00	13.29	15.50	8.54	50.00	5.06
2.00	13.29	17.00	7.74	55.00	4.96
3.00	13.29	18.00	7.35	60.00	4.96
5.00	13.29	19.00	6.95	70.00	4.93
10.00	13.29	20.00	6.69	80.00	4.93
13.50	12.84	30.00	5.63	90.00	4.97
14.00	11.24	35.00	5.54	.	4.97
14.50	9.93	40.00	5.54		

Lake # 228 18 JAN 72 (Day 18) Time: 10 55 CST
Air Temperature: -5 (C) Wind: 16 - 32 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .27 (C)
Epilimnion Temperature: .34 (C) Epilimnion Depth (1 C/M): 110 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: -.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.27	10.00	2.23	70.00	3.78
1.00	0.34	20.00	3.10	80.00	3.80
2.00	0.73	30.00	3.40	90.00	3.83
3.00	0.76	40.00	3.57	.	3.88
4.00	1.32	50.00	3.64	.	3.89
5.00	1.57	60.00	3.68		

Lake # 228 22 JUL 72 (Day 203) Time: 09 30 CDT
Air Temperature: Wind: 8 - 16 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 12.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.8 (C)
Epilimnion Temperature: 20.2 (C) Epilimnion Depth (1 C/M): 9.5 (M)
Planar-Thermocline : 10.5 (M) Change at Planar-Thermo: 3.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.80	8.00	18.30	16.00	6.40
1.00	20.20	9.00	18.20	17.00	6.30
2.00	20.10	10.00	16.80	18.00	6.20
3.00	19.90	11.00	13.70	19.00	6.20
4.00	19.20	12.00	11.20	20.00	6.00
5.00	19.10	13.00	9.30	25.00	5.00
6.00	18.70	14.00	8.10	30.00	4.50
7.00	18.40	15.00	7.20	35.00	4.40

Lake # 228 19 AUG 72 (Day 231) Time: 09 30 CDT
Air Temperature: 27 (C) Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 11.2 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.2 (C)
Epilimnion Temperature: 20.8 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 10.875 (M) Change at Planar-Thermo: 6.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	10.50	16.98	15.00	7.35
1.00	20.80	10.75	16.11	15.50	6.81
2.00	20.28	11.00	14.42	16.00	6.59
3.00	19.21	11.25	12.99	17.00	6.20
4.00	18.85	11.50	11.85	18.00	5.92
5.00	18.67	11.75	10.58	19.00	5.70
6.00	18.50	12.00	10.03	20.00	5.50
7.00	18.31	12.50	9.04	21.00	5.05
8.00	18.71	13.00	8.59	22.00	4.80
9.00	18.07	13.50	8.38	23.00	4.60
10.00	17.59	14.00	8.08	24.00	4.60
10.25	17.21	14.50	7.62	29.00	4.25

Lake # 228 1 AUG 73 (Day 213) Time: 14 30 CDT
Air Temperature: 23 (C) Wind: -
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.8 (C)
Epilimnion Temperature: 19.6 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 10.25 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.80	12.50	12.40	40.00	5.80
1.00	19.60	13.00	11.70	50.00	5.50
4.00	19.40	13.50	11.10	60.00	5.40
5.00	19.20	14.00	10.50	70.00	5.30
10.00	18.30	15.00	9.10	80.00	5.20
10.50	16.70	20.00	7.70	90.00	5.15
11.00	15.50	25.00	6.65	.	5.00
11.50	14.60	30.00	6.15	.	4.95
12.00	13.70				

Lake # 228 6 JUN 74 (Day 157) Time: 09 00 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 8.8 (M)
Inflow Temperature:
Surface Temperature: 9.9 (C)
Epilimnion Temperature: 9.4 (C)
Planar-Thermocline : 10.5 (M)

Wind: -
Weather Description: RAINING
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 10.5 (M)
Change at Planar-Thermo: 1.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.90	9.00	7.68	20.00	4.72
1.00	9.40	10.00	7.20	22.00	4.68
2.00	9.30	11.00	6.02	24.00	4.52
3.00	9.18	12.00	5.69	26.00	4.51
4.00	8.98	13.00	5.58	28.00	4.49
5.00	8.70	14.00	5.45	30.00	4.43
6.00	8.32	15.00	5.40	32.00	[illegible]
7.00	8.05	16.00	5.22	33.00	4.33
8.00	7.89	18.00	5.00		

Lake # 228 1 AUG 74 (Day 213) Time: 10 30 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 10 (M)
Inflow Temperature:
Surface Temperature: 19 (C)
Epilimnion Temperature: 19 (C)
Planar-Thermocline : 9.75 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.75 (M)
Change at Planar-Thermo: 8.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.00	9.00	19.00	18.00	6.20
1.00	19.00	9.50	18.75	20.00	5.90
2.00	19.00	10.00	14.70	22.00	5.65
3.00	19.00	11.00	11.70	24.00	5.30
4.00	19.00	12.00	10.45	26.00	5.02
5.00	19.00	13.00	8.70	28.00	4.91
6.00	19.00	14.00	8.00	30.00	4.80
7.00	19.00	15.00	7.70	32.00	4.71
8.00	19.00	16.00	7.00		

Lake # 228 11 JUL 74 (Day 192) Time: 10 30 CDT
Air Temperature: 23.8 (C)
Cloud Cover: 0 /10
Secchi Visibility: 9.5 (M)
Inflow Temperature:
Surface Temperature: 20.6 (C)
Epilimnion Temperature: 20.58 (C)
Planar-Thermocline : 3.5 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 2.110 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.60	8.00	15.73	18.00	6.30
1.00	20.58	9.00	13.89	20.00	6.01
2.00	20.55	10.00	12.62	22.00	5.90
3.00	20.42	11.00	10.92	24.00	5.79
4.00	18.31	12.00	9.65	26.00	5.73
5.00	17.32	14.00	7.89	28.00	5.49
6.00	16.71	15.00	7.55	30.00	5.48
7.00	16.01	16.00	6.75	32.00	5.48

Lake # 228 28 AUG 74 (Day 240) Time: 09 50 CDT
Air Temperature: 12.7 (C)
Cloud Cover: 5 /10
Secchi Visibility: 8 (M)
Inflow Temperature:
Surface Temperature: 16.85 (C)
Epilimnion Temperature: 16.9 (C)
Planar-Thermocline : 11.5 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 11.5 (M)
Change at Planar-Thermo: 2.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.85	9.00	16.84	18.00	6.95
1.00	16.90	10.00	16.82	20.00	6.08
2.00	16.91	11.00	16.15	22.00	5.59
3.00	16.91	12.00	13.39	24.00	5.08
4.00	16.89	13.00	10.65	25.00	5.01
5.00	16.88	14.00	8.48	26.00	4.98
6.00	16.88	15.00	7.55	28.00	4.92
7.00	16.86	16.00	6.99	30.00	4.91
8.00	16.85				

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Lake # 228 5 SEP 74 (Day 248) Time: 10 30 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.7 (C)
Epilimnion Temperature: 14.7 (C) Epilimnion Depth (1 C/M): 11.25 (M)
Planar-Thermocline : 11.25 (M) Change at Planar-Thermo: 4.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.70	12.00	10.90	16.00	7.40
6.00	14.70	12.50	9.50	17.00	6.70
9.50	14.70	13.00	8.88	18.00	5.80
10.00	14.62	14.00	8.40	19.00	5.45
11.00	14.28	15.00	7.85	20.00	5.30
11.50	12.10				

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Lake # 228 26 SEP 74 (Day 269) Time: 09 00 CDT
Air Temperature: 7.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 9.5 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.7 (C)
Epilimnion Temperature: 11.7 (C) Epilimnion Depth (1 C/M): 14.75 (M)
Planar-Thermocline : 14.75 (M) Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.70	16.00	7.60	24.00	5.95
13.00	11.70	17.00	7.45	26.00	5.90
14.00	11.10	18.00	7.15	28.00	5.35
14.50	10.70	20.00	6.95	30.00	5.10
15.00	8.90	22.00	6.10	32.00	4.85
15.50	8.39				

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Lake # 230 15 JUN 68 (Day 166) Time: 15 30 CDT
Air Temperature: 15.1 (C) Wind: -
Cloud Cover: 3 /10 Weather Description: CLEAR
Secchi Visibility: 3.9 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16 (C)
Epilimnion Temperature: 16 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 3.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.00	5.00	6.10	9.00	4.00
1.00	16.00	6.00	4.60	10.00	3.90
2.00	14.70	7.00	4.20	11.00	3.90
3.00	12.20	8.00	4.00	12.00	3.90
4.00	8.50				

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Lake # 230 6 JUL 68 (Day 187) Time: 17 00 CDT
Air Temperature: 24 (C) Wind: -
Cloud Cover: 2 /10 Weather Description: CLEAR
Secchi Visibility: 4.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.2 (C)
Epilimnion Temperature: 19 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 5.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.20	5.00	7.00	10.00	4.00
1.00	19.00	6.00	5.70	11.00	4.00
2.00	18.10	7.00	4.80	12.00	4.00
3.00	14.90	8.00	4.30	13.00	4.00
4.00	9.80	9.00	4.10		

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Lake # 230 8 NOV 68 (Day 312) Time: 14 00 CDT
Air Temperature: -3.8 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: SNOW
Secchi Visibility: 2.75 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.6 (C)
Epilimnion Temperature: 4.6 (C) Epilimnion Depth (1 C/M): 11.25 (M)
Planar-Thermocline : 10.5 (M) Change at Planar-Thermo: -.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.60	5.00	4.60	9.00	4.60
1.00	4.60	6.00	4.60	10.00	4.60
2.00	4.60	7.00	4.60	11.00	5.00
3.00	4.60	8.00	4.60	11.25	5.00
4.00	4.60				

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Lake # 230 20 JUN 69 (Day 171) Time: 14 00 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 2.4 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.8 (C)
Epilimnion Temperature: 15.2 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 3.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.80	4.00	9.90	8.00	5.00
1.00	15.20	5.00	7.00	9.00	5.00
2.00	15.10	6.00	5.90	10.00	5.00
3.00	13.70	7.00	5.70		

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Lake # 230 20 JUL 69 (Day 201) Time: 10 50 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 5.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.6 (C)
Epilimnion Temperature: 22.4 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 4.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.60	4.00	12.40	7.00	5.40
1.00	22.40	5.00	8.50	8.00	4.70
2.00	21.40	6.00	6.50	9.00	4.50
3.00	16.90				

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Lake # 230 16 SEP 69 (Day 259) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 3.1 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.92 (C)
Epilimnion Temperature: 17.87 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 4.510 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.92	5.00	10.82	9.00	4.78
1.00	17.87	6.00	8.02	10.00	4.58
2.00	17.72	7.00	6.41	11.00	4.56
3.00	17.58	8.00	5.60	11.25	4.63
4.00	15.33				

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Lake # 230 15 OCT 69 (Day 288) Time: 11 09 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 8.02 (C)
Epilimnion Temperature: 8.03 (C)
Planar-Thermocline : 7.5 (M)

Wind: -
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 7.5 (M)
Change at Planar-Thermo: 1.990 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.02	5.00	8.03	9.00	5.32
0.50	8.03	6.00	8.03	10.00	4.72
1.00	8.03	7.00	7.83	11.00	4.59
2.00	8.03	8.00	5.84	12.00	4.59
3.00	8.03				

****

Lake # 230 9 DEC 69 (Day 343) Time: 15 45 CST
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .55 (C)
Epilimnion Temperature: 2.47 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.55	5.00	4.02	9.00	4.16
1.00	2.47	6.00	4.04	10.00	4.20
2.00	3.60	7.00	4.08	10.30	4.27
3.00	3.88	8.00	4.10	10.40	4.28
4.00	3.98				

****

Lake # 230 22 JAN 70 (Day 22) Time: 11 30 CDT
Air Temperature: -10 (C)
Cloud Cover: 8 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 2.05 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: CLEAR,SNOW
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.50	4.00	4.15	8.00	4.40
1.00	2.05	5.00	4.15	9.00	4.42
2.00	3.30	6.00	4.29	10.00	4.50
3.00	3.83	7.00	4.35	10.50	4.52

****

Lake # 230 25 FEB 70 (Day 56) Time: 15 00 CDT
Air Temperature: -10 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .27 (C)
Epilimnion Temperature: .75 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.27	4.00	3.66	8.00	4.02
1.00	0.75	5.00	3.86	9.00	4.09
2.00	2.15	6.00	3.92	10.00	4.24
3.00	3.52	7.00	4.02	10.50	4.27

****

Lake # 230 1 SEP 70 (Day 244) Time: 09 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 18 (C)
Epilimnion Temperature: 18 (C)
Planar-Thermocline : 3.5 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 5.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.00	4.00	12.20	8.00	4.80
1.00	18.00	5.00	7.70	9.00	4.60
2.00	18.00	6.00	6.00	10.00	4.50
3.00	17.90	7.00	5.10	11.00	4.50

****

Lake # 230 21 JUN 71 (Day 172) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 4.1 (M)
Inflow Temperature:
Surface Temperature: 20.79 (C)
Epilimnion Temperature: 20.73 (C)
Planar-Thermocline : 2.25 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 8.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.79	4.00	7.95	9.00	4.32
1.00	20.73	5.00	5.68	10.00	4.37
2.00	19.68	6.00	4.78	11.00	4.42
2.50	14.60	7.00	4.42	12.00	4.46
3.00	11.95	8.00	4.34	12.50	4.50

****

Lake # 230 27 MAY 71 (Day 147) Time: 09 45 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.62 (C)
Epilimnion Temperature: 11.52 (C)
Planar-Thermocline : 3.25 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: 4.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.62	4.00	5.82	9.00	4.32
1.00	11.52	5.00	4.65	10.00	4.38
2.00	10.43	6.00	4.40	11.00	4.50
3.00	8.68	7.00	4.27	12.00	4.51
3.50	6.64	8.00	4.28	12.10	4.62

****

Lake # 230 19 JUL 71 (Day 200) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 4.3 (M)
Inflow Temperature:
Surface Temperature: 21.09 (C)
Epilimnion Temperature: 21.04 (C)
Planar-Thermocline : 2.75 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 7.820 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.08	4.00	10.15	9.00	4.47
1.00	21.04	4.50	7.98	10.00	4.47
2.00	21.02	5.00	6.68	11.00	4.50
2.50	19.83	6.00	5.22	12.00	4.52
3.00	15.92	7.00	4.63	12.50	4.56
3.50	12.64	8.00	4.48		

Lake # 230 23 AUG 71 (Day 235) Time: 11 45 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 5.5 (M)
Inflow Temperature:
Surface Temperature: 21.18 (C)
Epilimnion Temperature: 20.86 (C)
Planar-Thermocline : 3.625 (M)
Wind: 3 - 8 KMPH
Weather Description: WIND VARIES
Water Color: GREEN -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 7.920 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.18	3.75	14.64	7.00	6.00
0.50	21.18	4.00	13.37	8.00	4.89
1.00	20.86	4.25	12.36	9.00	4.74
2.00	19.86	4.50	11.54	10.00	4.70
3.00	19.22	4.75	9.59	11.00	4.70
3.25	17.82	5.00	8.65	12.00	4.73
3.50	16.62	6.00	6.80	13.00	4.75

Lake # 230 20 OCT 71 (Day 293) Time: 10 50 CDT
Air Temperature:
Cloud Cover: 1 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 9.12 (C)
Epilimnion Temperature: 9.03 (C)
Planar-Thermocline : 6.25 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.25 (M)
Change at Planar-Thermo: 3.260 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.12	5.00	8.75	9.00	4.86
0.50	9.12	6.00	8.49	10.00	4.78
1.00	9.03	6.50	6.86	11.00	4.76
2.00	8.82	7.00	6.14	12.00	4.76
3.00	8.75	8.00	5.19	12.50	4.76
4.00	8.75				

Lake # 230 20 SEP 71 (Day 263) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 14.62 (C)
Epilimnion Temperature: 14.68 (C)
Planar-Thermocline : 4.75 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: 5.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.62	4.50	12.88	8.00	4.73
1.00	14.68	5.00	10.06	9.00	4.56
2.00	14.69	5.50	8.12	10.00	4.52
3.00	14.69	6.00	6.87	11.00	4.51
4.00	14.60	7.00	5.32	12.00	4.50

Lake # 230 14 DEC 71 (Day 348) Time: 09 10 CST
Air Temperature: -15 (C)
Cloud Cover: 9 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.12 (C)
Epilimnion Temperature: 3.11 (C)
Planar-Thermocline : .375 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .375 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.96	4.00	4.24	9.00	4.42
0.50	1.70	5.00	4.26	10.00	4.47
1.00	3.11	6.00	4.27	11.00	4.51
2.00	4.10	7.00	4.32	12.00	4.53
3.00	4.21	8.00	4.37	12.20	4.55

Lake # 230 18 JAN 72 (Day 18) Time: 09 42 CST
Air Temperature: -20.556 (C)
Cloud Cover: 3 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .57 (C)
Epilimnion Temperature: 2.17 (C)
Planar-Thermocline : .75 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .75 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.57	4.00	4.12	9.00	4.38
0.50	0.79	5.00	4.17	10.00	4.42
1.00	2.17	6.00	4.23	11.00	4.47
2.00	3.96	7.00	4.29	12.00	4.50
3.00	4.08	8.00	4.33	12.10	4.50

Lake # 230 5 APR 72 (Day 95) Time: 09 45 CST
Air Temperature: 5 (C)
Cloud Cover: 8 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .35 (C)
Epilimnion Temperature: .95 (C)
Planar-Thermocline : 1.5 (M)
Wind: 8 - 24 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.35	5.00	4.21	10.00	4.42
1.00	0.95	6.00	4.28	11.00	4.46
2.00	3.02	7.00	4.31	12.00	4.60
3.00	3.99	8.00	4.35	12.40	4.60
4.00	4.17	9.00	4.38		

Lake # 230 15 FEB 72 (Day 46) Time: 10 30 CST
Air Temperature:
Cloud Cover: 3 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .25 (C)
Epilimnion Temperature: 1.68 (C)
Planar-Thermocline : 1.5 (M)
Wind: 0 - 2 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.25	5.00	4.25	10.00	4.42
1.00	1.68	6.00	4.31	11.00	4.53
2.00	3.51	7.00	4.33	12.00	4.55
3.00	4.08	8.00	4.35	12.50	4.58
4.00	4.18	9.00	4.40		

Lake # 230 9 MAY 72 (Day 129) Time: 09 00 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 9.11 (C)
Epilimnion Temperature: 8.91 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): [illegible] (M)
Change at Planar-Thermo: 2.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.11	5.00	4.21	9.00	4.39
1.00	8.91	6.00	4.23	10.00	4.43
2.00	6.83	7.00	4.31	11.00	4.49
3.00	4.81	8.00	4.34	11.90	4.56
4.00	4.27				

Lake # 230 6 JUN 72 (Day 157) Time: 08 55 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 4.3 (M)
Inflow Temperature:
Surface Temperature: 23.91 (C)
Epilimnion Temperature: 23.41 (C)
Planar-Thermocline : 2.25 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.91	3.00	8.93	8.00	4.49
1.00	23.41	4.00	5.61	9.00	4.51
1.50	19.69	5.00	4.74	10.00	4.53
2.00	16.79	6.00	4.48	11.00	4.59
2.50	12.19	7.00	4.43	12.00	4.63

Lake # 230 25 JUL 72 (Day 206) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 20.71 (C)
Epilimnion Temperature: 20.74 (C)
Planar-Thermocline : 3.25 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 8.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.71	4.00	10.39	9.00	4.54
1.00	20.74	5.00	6.89	10.00	4.55
2.00	20.74	6.00	5.12	11.00	4.58
3.00	17.76	7.00	4.65	12.00	4.59
3.50	13.52	8.00	4.56		

Lake # 230 27 JUN 72 (Day 178) Time: 09 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 22.13 (C)
Epilimnion Temperature: 22.01 (C)
Planar-Thermocline : 2.75 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: 6.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.13	3.50	9.79	9.00	4.44
1.00	22.01	4.00	7.53	10.00	4.58
1.50	20.59	5.00	5.43	11.00	4.61
2.00	18.93	6.00	4.73	12.00	4.63
2.50	16.59	7.00	4.53	12.30	4.69
3.00	13.11	8.00	4.49		

Lake # 230 29 AUG 72 (Day 241) Time: 09 30 CDT
Air Temperature: 26.667 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 21.31 (C)
Epilimnion Temperature: 21.31 (C)
Planar-Thermocline : 4.25 (M)
Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 6.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.31	4.50	10.63	9.00	4.64
1.00	21.31	5.00	8.60	10.00	4.63
2.00	21.28	6.00	6.23	11.00	4.63
3.00	19.18	7.00	4.98	12.00	4.62
3.50	16.96	8.00	4.69	12.20	4.62
4.00	14.07				

Lake # 230 26 SEP 72 (Day 269) Time: 09 15 CDT
Air Temperature: 1.6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.3 (M)
Inflow Temperature:
Surface Temperature: 12.04 (C)
Epilimnion Temperature: 12.41 (C)
Planar-Thermocline : 5.25 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 4.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.04	5.00	10.25	9.00	4.81
0.50	12.37	5.50	8.24	10.00	4.74
1.00	12.41	6.00	8.08	11.00	4.67
2.00	12.45	7.00	5.81	12.00	4.67
3.00	12.45	8.00	4.97	12.50	4.66
4.00	11.70				

Lake # 230 12 DEC 74 (Day 346) Time: 11 00 CST
Air Temperature: -15 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 4.68 (C)
Epilimnion Temperature: 2.46 (C)
Planar-Thermocline : .55 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .55 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.50	5.00	3.90	10.00	4.20
1.00	2.46	6.00	3.93	11.00	4.37
2.00	3.40	7.00	4.02	12.00	4.37
3.00	3.66	8.00	4.08	12.20	4.39
4.00	3.82	9.00	4.17		

Lake # 230 24 OCT 72 (Day 297) Time: 10 30 CDT
Air Temperature: 2.72 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 4.68 (C)
Epilimnion Temperature: 4.71 (C)
Planar-Thermocline : 10.5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 13 (M)
Change at Planar-Thermo: 0.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.68	4.00	4.71	9.00	4.71
0.50	4.71	5.00	4.71	10.00	4.71
1.00	4.71	6.00	4.71	11.00	4.64
2.00	4.71	7.00	4.71	12.00	4.64
3.00	4.71	8.00	4.71	13.00	4.64

Lake # 230 3 JUN 75 (Day 154) Time: 09 30 CDT
Air Temperature: 14 (C)
Cloud Cover: 5 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 16.85 (C)
Epilimnion Temperature: 16.64 (C)
Planar-Thermocline : 2.375 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.85	3.25	9.52	8.00	4.41
1.00	16.64	3.50	8.88	9.00	4.38
2.00	16.44	3.75	7.80	10.00	4.36
2.25	15.22	4.00	6.96	11.00	4.41
2.50	12.49	5.00	5.32	12.00	4.46
2.75	11.68	6.00	4.92	12.50	4.46
3.00	10.72	7.00	4.66		

Lake # 230 1 JUL 75 (Day 182) Time: 09 00 CDT
Air Temperature: 26 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 24.48 (C)
Epilimnion Temperature: 24.11 (C)
Planar-Thermocline : 2.625 (M)

Wind: -
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.48	3.25	13.30	7.00	4.79
1.00	24.11	3.50	12.70	8.00	4.55
2.00	22.02	3.75	10.95	9.00	4.51
2.25	20.97	4.00	9.85	10.00	4.47
2.50	19.75	4.50	7.93	11.00	4.46
2.75	16.97	5.00	6.67	12.00	4.51
3.00	15.29	6.00	5.29	12.50	4.51

Lake # 230 26 AUG 75 (Day 238) Time: 08 30 CDT
Air Temperature: 13 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 18.5 (C)
Epilimnion Temperature: 18.56 (C)
Planar-Thermocline : 4.125 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 7.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.50	4.25	13.49	7.00	5.39
1.00	18.56	4.50	12.14	8.00	4.89
2.00	18.57	4.75	10.61	9.00	4.58
3.00	18.52	5.00	9.45	10.00	4.58
3.25	17.84	5.25	8.53	11.00	4.50
3.50	17.50	5.50	8.15	12.00	4.49
3.75	16.91	5.75	7.98	12.50	4.49
4.00	15.34	6.00	6.59		

Lake # 230 30 JUL 75 (Day 211) Time: 08 30 CDT
Air Temperature: 26 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 23.58 (C)
Epilimnion Temperature: 23.47 (C)
Planar-Thermocline : 3.625 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.58	4.00	11.68	7.00	4.91
1.00	23.47	4.25	11.04	8.00	4.70
2.00	23.05	4.50	10.29	9.00	4.55
3.00	18.15	4.75	9.20	10.00	4.50
3.25	17.61	5.00	8.77	11.00	4.50
3.50	15.99	6.00	8.00	12.00	4.50
3.75	13.30				

Lake # 230 23 SEP 75 (Day 266) Time: 09 30 CDT
Air Temperature: 12 (C)
Cloud Cover:
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 12.44 (C)
Epilimnion Temperature: 12.44 (C)
Planar-Thermocline : 5.375 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 7.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.44	5.25	10.39	8.00	5.30
1.00	12.44	5.50	8.56	9.00	4.98
3.00	12.44	5.75	8.07	10.00	4.87
4.00	12.41	6.00	7.99	11.00	4.62
5.00	11.70	7.00	5.91	12.00	4.47

****

Lake # 230 21 OCT 75 (Day 294) Time: 09 15 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 3.25 (M)
Inflow Temperature:
Surface Temperature: 9.23 (C)
Epilimnion Temperature: 9.23 (C)
Planar-Thermocline : 6.875 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 8.1 (C)

Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: 4.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.23	6.00	9.18	9.00	4.78
1.00	9.23	6.25	8.23	10.00	4.68
2.00	9.31	6.50	8.02	11.00	4.61
3.00	9.31	6.75	7.80	12.00	4.59
4.00	9.31	7.00	6.74	12.75	4.59
5.00	9.31	8.00	5.36		

****

Lake # 230 5 MAY 76 (Day 125) Time: 09 40 CDT
Air Temperature: 10 (C)
Cloud Cover: 7 /10
Secchi Visibility: 1.9 (M)
Inflow Temperature:
Surface Temperature: 7.82 (C)
Epilimnion Temperature: 7.8 (C)
Planar-Thermocline : 2.875 (M)

Wind: -
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 8.2 (C)

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.82	3.00	5.50	7.00	4.19
1.00	7.80	3.25	5.13	8.00	4.10
1.50	7.39	3.50	4.76	9.00	4.05
2.00	7.14	3.75	4.69	10.00	4.04
2.25	6.75	4.00	4.55	11.00	4.05
2.50	6.66	5.00	4.40	12.00	4.16
2.75	6.20	6.00	4.30	12.60	4.18

****

Lake # 230 5 NOV 75 (Day 309) Time: 09 20 CST
Air Temperature: 10.57 (C)
Cloud Cover: 8 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 6.39 (C)
Epilimnion Temperature: 6.17 (C)
Planar-Thermocline : 9.125 (M)

Wind: -
Weather Description:
Water Color: BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.125 (M)
Change at Planar-Thermo: 2.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.39	6.00	6.02	9.75	5.19
1.00	6.17	7.00	6.02	10.00	4.79
2.00	6.07	8.00	6.02	11.00	4.69
3.00	6.08	9.00	5.93	12.00	4.68
4.00	6.07	9.25	5.32	12.50	4.68
5.00	6.06	9.50	5.22		

****

Lake # 230 2 JUN 76 (Day 153) Time: 09 20 CDT
Air Temperature: 20.9 (C)
Cloud Cover: 2 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 21.7 (C)
Epilimnion Temperature: 21.48 (C)
Planar-Thermocline : 2.375 (M)

Wind: 3 - 8 KMPH
Weather Description: NO OUTFLOW
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.125 (M)
Change at Planar-Thermo: 8.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.70	3.00	9.36	6.00	4.43
1.00	21.48	3.25	8.25	7.00	4.32
1.25	21.20	3.50	7.24	8.00	4.24
1.50	20.23	3.75	6.52	9.00	4.20
1.75	18.22	4.00	6.23	10.00	4.19
2.00	16.56	4.25	5.64	11.00	4.22
2.25	14.57	4.50	5.22	12.00	4.30
2.50	12.35	4.75	4.94	12.80	4.35
2.75	10.89	5.00	4.77		

****

Lake # 230 30 JUN 76 (Day 181) Time: 09 00 CDT
Air Temperature: 22.72 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 20.68 (C)
Surface Temperature: 20.45 (C)
Epilimnion Temperature: 20.21 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 8.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.45	3.50	11.68	6.00	4.81
1.00	20.21	3.75	9.73	7.00	4.39
2.00	19.78	4.00	8.80	8.00	4.29
2.25	17.57	4.25	7.82	9.00	4.23
2.50	17.14	4.50	6.85	10.00	4.21
2.75	15.83	4.75	6.37	11.00	4.21
3.00	14.14	5.00	5.95	12.00	4.25
3.25	13.16	5.50	5.25	12.30	4.25

****

Lake # 230 28 JUL 76 (Day 209) Time: 09 15 CDT
Air Temperature: 25.8 (C) Wind: 0 - 3 KMPH
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.18 (C)
Epilimnion Temperature: 22.93 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 9.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.18	3.75	12.64	6.00	5.59
1.00	22.93	4.00	10.99	7.00	4.65
2.00	22.76	4.25	9.37	8.00	4.45
2.25	22.61	4.50	8.51	9.00	4.29
2.50	22.24	4.75	7.73	10.00	4.28
2.75	19.83	5.00	6.99	11.00	4.28
3.00	18.04	5.25	6.11	12.00	4.31
3.25	16.35	5.50	6.08	12.50	4.31
3.50	14.35	5.75	5.70		

****

Lake # 230 28 AUG 76 (Day 240) Time: 09 30 CDT
Air Temperature: 18.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 3.25 (M) Water Color: ORANGE-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.48 (C)
Epilimnion Temperature: 23.56 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 7.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.48	4.00	14.20	6.50	5.63
1.00	23.56	4.25	12.93	6.75	5.38
2.00	23.20	4.50	11.41	7.00	5.14
2.25	22.69	4.75	10.14	8.00	4.73
2.50	22.28	5.00	8.83	9.00	4.58
2.75	21.71	5.25	7.99	10.00	4.49
3.00	20.36	5.50	7.15	11.00	4.47
3.25	19.07	5.75	6.75	12.00	4.47
3.50	17.25	6.00	6.40	12.30	4.47
3.75	16.04	6.25	5.87		

****

Lake # 230 22 SEP 76 (Day 265) Time: 10 00 CDT
Air Temperature: 10.2 (C) Wind: 8 - 16 KMPH
Cloud Cover: 7 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 3.75 (M) Water Color: ORANGE-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.36 (C)
Epilimnion Temperature: 15.43 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 5.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.36	5.00	10.37	6.75	5.60
1.00	15.43	5.25	9.25	7.00	5.37
2.00	15.43	5.50	8.38	8.00	4.79
3.00	15.39	5.75	7.72	9.00	4.57
4.00	15.30	6.00	6.92	10.00	4.54
4.50	12.99	6.25	6.50	11.00	4.51
4.75	11.61	6.50	6.00	11.90	4.50

****

Lake # 230 20 OCT 76 (Day 293) Time: 09 15 CDT
Air Temperature: 3.3 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 6.61 (C)
Epilimnion Temperature: 6.63 (C)
Planar-Thermocline : 7.625 (M)

Wind: 0 - 3 KMPH
Weather Description: NO OUTFLOW
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 7.625 (M)
Change at Planar-Thermo: 3.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.61	7.00	6.51	8.50	4.80
1.00	6.63	7.25	6.41	9.00	4.69
2.00	6.63	7.50	6.34	10.00	4.56
3.00	6.63	7.75	5.51	11.00	4.52
4.00	6.63	8.00	5.18	12.00	4.50
5.00	6.63	8.25	4.86	12.25	4.51
6.00	6.63				

Lake # 239 9 NOV 68 (Day 313) Time: 10 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 5 (C)
Epilimnion Temperature: 5.1 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: SNOW
Water Color: BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 30 (M)
Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.00	10.00	5.10	21.00	5.00
1.00	5.10	12.00	5.10	22.00	5.00
2.00	5.10	14.00	5.10	24.00	5.00
4.00	5.10	16.00	5.10	26.00	5.00
6.00	5.10	18.00	5.10	28.00	5.00
8.00	5.10	20.00	5.10	30.00	5.00

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Lake # 239 12 JAN 69 (Day 12) Time: 13 30 CDT
Air Temperature: -25 (C)
Cloud Cover: 4 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 0 (C)
Epilimnion Temperature: .9 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: CLEAR
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 29 (M)
Change at Planar-Thermo: -.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.00	10.00	2.30	20.00	2.70
1.00	0.90	11.00	2.30	21.00	2.80
2.00	1.60	12.00	2.40	22.00	2.80
3.00	1.80	13.00	2.40	23.00	2.80
4.00	1.90	14.00	2.40	24.00	2.80
5.00	2.00	15.00	2.50	25.00	2.90
6.00	2.00	16.00	2.60	26.00	2.90
7.00	2.10	17.00	2.70	27.00	3.00
8.00	2.20	18.00	2.70	28.00	3.00
9.00	2.20	19.00	2.70	29.00	2.90

Lake # 239 22 JAN 69 (Day 22) Time: 10 30 CDT
Air Temperature: 0 (C)
Cloud Cover: 10 /10
Secchi Visibility:.
Inflow Temperature:
Surface Temperature: 1.35 (C)
Epilimnion Temperature: 2.4 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: SNOW
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.35	9.00	3.30	18.00	3.50
1.00	2.40	10.00	3.40	19.00	3.50
2.00	2.60	11.00	3.40	20.00	3.60
3.00	2.80	12.00	3.50	21.00	3.60
4.00	2.80	13.00	3.60	22.00	3.60
5.00	3.10	14.00	3.50	23.00	3.70
6.00	3.10	15.00	3.50	24.00	3.70
7.00	3.20	16.00	3.50	25.00	3.70
8.00	3.30	17.00	3.50	26.00	3.70

Lake # 239 10 APR 69 (Day 100) Time: 11 00 CDT
Air Temperature:
Cloud Cover: 4 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .65 (C)
Epilimnion Temperature: 2.22 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: CLEAR
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.65	7.00	2.99	25.00	3.47
1.00	2.22	8.00	3.02	26.00	3.50
2.00	2.42	9.00	3.04	27.00	3.52
3.00	2.69	10.00	3.07	28.00	3.57
4.00	2.83	15.00	3.19	29.00	3.58
5.00	2.88	20.00	3.32	29.30	3.58
6.00	2.93				

Lake # 239 2 MAY 69 (Day 122) Time: 19 00 CDT
Air Temperature: 7.2222 (C)
Cloud Cover: 4 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 6.88 (C)
Epilimnion Temperature: 6.86 (C)
Planar-Thermocline : 5.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 31 (M)
Change at Planar-Thermo: 0.530 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.88	6.00	5.19	15.00	4.50
1.00	6.86	7.00	4.98	20.00	4.32
2.00	6.76	8.00	4.94	25.00	4.27
3.00	6.41	9.00	4.89	30.00	4.12
4.00	6.21	10.00	4.87	31.00	4.11
5.00	5.72				

Lake # 239 4 MAY 69 (Day 124) Time: 06 20 CDT
Air Temperature: 12.778 (C)
Cloud Cover: 3 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 7.92 (C)
Epilimnion Temperature: 7.87 (C)
Planar-Thermocline : 4.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 1.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.92	7.00	5.18	14.00	4.71
1.00	7.87	8.00	4.93	15.00	4.19
2.00	7.82	9.00	4.91	20.00	4.50
3.00	7.74	10.00	4.87	25.00	4.37
4.00	7.12	11.00	4.82	30.00	4.27
5.00	5.88	12.00	4.78	31.00	4.24
6.00	5.38	13.00	4.72		

Lake # 239 7 MAY 69 (Day 127) Time: 10 00 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 9.03 (C)
Epilimnion Temperature: 9.03 (C)
Planar-Thermocline : 4.5 (M)
Wind: -
Weather Description: RAIN & HAIL
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 1.150 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.03	6.00	5.83	15.00	4.62
1.00	9.03	7.00	5.47	20.00	4.42
2.00	9.02	8.00	5.28	25.00	4.25
3.00	8.78	9.00	5.12	30.00	4.21
4.00	7.94	10.00	4.95	31.00	4.18
5.00	6.79				

Lake # 239 12 MAY 69 (Day 132) Time: 08 00 CDT
Air Temperature: 1.6 (C)
Cloud Cover: 2 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.18 (C)
Epilimnion Temperature: 8.18 (C)
Planar-Thermocline : 6.5 (M)
Wind: 9 - 18 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 1.330 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.18	6.00	7.48	15.00	4.37
1.00	8.18	7.00	6.15	20.00	4.26
2.00	8.18	8.00	5.68	25.00	4.08
3.00	8.18	9.00	5.50	30.00	4.02
4.00	8.16	10.00	5.48	31.00	4.00
5.00	8.14				

Lake # 239 10 MAY 69 (Day 130) Time: 18 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.00 (C)
Epilimnion Temperature: 8.00 (C)
Planar-Thermocline : 4.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 2.230 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.00	7.00	5.74	15.00	4.56
1.00	8.00	8.00	5.45	20.00	4.34
2.00	8.00	9.00	5.22	25.00	4.25
4.00	8.00	10.00	5.07	30.00	4.22
5.00	6.65	12.00	4.81	31.00	4.21
6.00	6.30				

Lake # 239 13 MAY 69 (Day 133) Time: 08 00 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.45 (C)
Epilimnion Temperature: 8.45 (C)
Planar-Thermocline : 6.5 (M)
Wind: -
Weather Description: COOL
Water Color:
Outflow Temperature.
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 1.650 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.45	6.00	7.55	15.00	4.60
1.00	8.45	7.00	5.90	20.00	4.30
2.00	8.45	8.00	5.65	25.00	4.12
3.00	8.45	9.00	5.35	30.00	4.10
4.00	8.45	10.00	5.30	31.00	4.09
5.00	8.45				

Lake # 239 14 MAY 69 (Day 134) Time: 08 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.45 (C)
Epilimnion Temperature: 8.45 (C)
Planar-Thermocline : 6.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 1.650 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.45	6.00	7.55	15.00	4.60
1.00	8.45	7.00	5.90	20.00	4.30
3.00	8.45	8.00	5.65	25.00	4.12
4.00	8.45	9.00	5.35	30.00	4.10
5.00	8.45	10.00	5.30	31.00	4.09

Lake # 239 26 MAY 69 (Day 146) Time: 10 10 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.47 (C)
Epilimnion Temperature: 12.42 (C)
Planar-Thermocline : 5.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 2.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.47	5.00	11.70	10.00	5.52
1.00	12.42	6.00	9.00	15.00	4.65
2.00	12.40	7.00	7.30	20.00	4.30
3.00	12.36	8.00	6.10	25.00	4.15
4.00	12.22	9.00	5.72	30.00	4.08

Lake # 239 15 MAY 69 (Day 135) Time: 10 05 CDT
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 11.58 (C)
Epilimnion Temperature: 11.42 (C)
Planar-Thermocline : 6.5 (M)

Wind: 0 - 18 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 1.310 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.58	6.00	7.73	15.00	4.81
1.00	11.42	7.00	6.42	20.00	4.47
2.00	10.52	8.00	5.72	25.00	4.26
3.00	9.47	9.00	5.47	30.00	4.14
4.00	9.12	10.00	5.42	31.00	4.14
5.00	8.62				

Lake # 239 30 MAY 69 (Day 150) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 16.6 (C)
Epilimnion Temperature: 16.5 (C)
Planar-Thermocline : 3.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.60	5.00	11.20	10.00	5.40
0.50	16.50	6.00	8.60	15.00	4.80
1.00	16.50	7.00	7.10	20.00	4.40
2.00	16.50	8.00	6.20	25.00	4.20
3.00	16.40	9.00	5.90	30.00	4.20
4.00	13.20				

Lake # 239 5 JUN 69 (Day 156) Time: 10 21 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 14 (C)
Epilimnion Temperature: 13.75 (C)
Planar-Thermocline : 6.5 (M)
Wind: -
Weather Description: RAIN
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 3.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.00	5.00	12.05	10.00	5.70
1.00	13.75	6.00	11.30	15.00	4.85
2.00	13.50	7.00	8.20	20.00	4.50
3.00	13.35	8.00	6.60	25.00	4.20
4.00	12.45	9.00	6.05	30.00	4.19

Lake # 239 17 JUN 69 (Day 168) Time: 10 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 14.9 (C)
Epilimnion Temperature: 14.8 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 3.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.90	5.00	13.20	10.00	5.90
1.00	14.80	6.00	9.80	15.00	4.90
2.00	14.70	7.00	8.20	20.00	4.60
3.00	14.70	8.00	7.20	25.00	4.30
4.00	14.30	9.00	6.50	30.00	4.20

Lake # 239 10 JUN 69 (Day 161) Time: 13 30 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 15.7 (C)
Epilimnion Temperature: 15.7 (C)
Planar-Thermocline : 4.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 2.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.70	5.00	12.10	10.00	6.00
1.00	15.70	6.00	11.00	15.00	4.90
2.00	15.60	7.00	8.70	20.00	4.60
3.00	15.40	8.00	7.20	25.00	4.30
4.00	14.80	9.00	6.40	30.00	4.20

Lake # 239 24 JUN 69 (Day 175) Time: 10 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 3.7 (M)
Inflow Temperature:
Surface Temperature: 14.8 (C)
Epilimnion Temperature: 14.6 (C)
Planar-Thermocline : 6.3 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.80	5.00	13.90	10.00	6.00
1.00	14.60	6.00	11.60	15.00	4.80
2.00	14.50	7.00	8.20	20.00	4.50
3.00	14.30	8.00	7.00	25.00	4.20
4.00	14.20	9.00	6.40	30.00	4.15

Lake # 239 2 JUL 69 (Day 183) Time: 10 20 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 17 (C)
Epilimnion Temperature: 16.9 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 3.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.00	5.00	14.60	10.00	6.00
1.00	16.90	6.00	11.50	15.00	4.80
2.00	16.80	7.00	8.70	20.00	4.40
3.00	16.00	8.00	7.40	25.00	4.10
4.00	15.80	9.00	6.50	30.00	4.10

Lake # 239 13 JUL 69 (Day 194) Time: 15 55 CST
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 23 (C)
Epilimnion Temperature: 22.48 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 4.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.00	8.00	7.93	20.00	4.48
1.00	22.48	9.00	6.68	22.00	4.36
2.00	21.47	10.00	6.28	24.00	4.28
3.00	19.00	11.00	5.95	26.00	4.22
4.00	17.82	12.00	5.66	28.00	4.21
5.00	16.07	14.00	5.28	30.00	4.18
6.00	11.71	16.00	4.88	31.00	4.18
7.00	9.33	18.00	4.66		

Lake # 239 8 JUL 69 (Day 189) Time: 09 30 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 17.4 (C)
Epilimnion Temperature: 17.5 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color: BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 3.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.40	5.00	15.00	10.00	6.20
1.00	17.50	6.00	11.50	15.00	5.00
2.00	17.50	7.00	8.60	20.00	4.60
3.00	17.50	8.00	7.30	25.00	4.30
4.00	16.50	9.00	6.60	30.00	4.20

Lake # 239 25 AUG 69 (Day 237) Time: 11 30 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 23.3 (C)
Epilimnion Temperature: 23.3 (C)
Planar-Thermocline : 5.5 (M)
Wind:
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.30	5.00	17.40	10.00	6.50
1.00	23.30	6.00	13.00	15.00	5.30
2.00	23.10	7.00	9.30	20.00	4.40
3.00	22.20	8.00	7.90	25.00	4.10
4.00	20.90	9.00	7.00	30.00	4.10

Lake # 239 2 SEP 69 (Day 245) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 4.1 (M)
Inflow Temperature:
Surface Temperature: 21.9 (C)
Epilimnion Temperature: 21.9 (C)
Planar-Thermocline : 4.5 (M)
Wind: 5 - 7 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.90	5.00	17.20	10.00	6.50
1.00	21.90	6.00	13.00	15.00	4.90
2.00	21.90	7.00	9.70	20.00	4.40
3.00	21.90	8.00	7.90	25.00	4.20
4.00	21.60	9.00	7.10	30.00	4.10

Lake # 239 8 OCT 69 (Day 281) Time: 10 15 CDT
Air Temperature: 4 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.1 (M)
Inflow Temperature:
Surface Temperature: 10.48 (C)
Epilimnion Temperature: 10.53 (C)
Planar-Thermocline : 8.5 (M)
Wind: -
Weather Description: SNOW & RAIN
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.5 (M)
Change at Planar-Thermo: 2.130 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.48	8.00	10.63	18.00	4.73
1.00	10.53	9.00	8.50	20.00	4.56
2.00	10.59	10.00	6.81	22.00	4.44
3.00	10.60	11.00	6.41	24.00	4.33
4.00	10.60	12.00	6.08	26.00	4.30
5.00	10.62	13.00	5.88	28.00	4.28
6.00	10.62	14.00	5.58	30.00	4.28
7.00	10.63	16.00	5.28	31.00	4.28

Lake # 239 22 SEP 69 (Day 265) Time: 09 30 CDT
Air Temperature: 17 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.4 (C)
Planar-Thermocline : 6.5 (M)
Wind: 7 - 9 KMPH
Weather Description: RAIN
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 4.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	5.00	16.40	10.00	6.90
1.00	16.40	6.00	15.70	15.00	5.40
2.00	16.40	7.00	11.60	20.00	4.50
3.00	16.40	8.00	8.10	25.00	4.20
4.00	16.40	9.00	7.40	30.00	4.20

Lake # 239 23 OCT 69 (Day 296) Time: 09 45 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 7 (M)
Inflow Temperature:
Surface Temperature: 6 (C)
Epilimnion Temperature: 6.1 (C)
Planar-Thermocline : 16.5 (M)
Wind: 3 - 5 KMPH
Weather Description: AIR TEMP <0
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 30 (M)
Change at Planar-Thermo: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.00	10.00	6.10	18.00	4.60
1.00	6.10	12.00	6.10	19.00	4.50
2.00	6.10	14.00	6.10	20.00	4.40
4.00	6.10	15.00	5.90	25.00	4.20
6.00	6.10	16.00	5.60	30.00	4.10
8.00	6.10	17.00	4.70		

Lake # 239 3 NOV 69 (Day 307) Time: 09 30 CDT
Air Temperature: 3.6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 4.15 (C)
Epilimnion Temperature: 4.2 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 30 (M)
Change at Planar-Thermo: -.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.15	8.00	4.20	18.00	4.20
1.00	4.20	10.00	4.20	20.00	4.20
2.00	4.20	12.00	4.20	24.00	4.20
4.00	4.20	14.00	4.20	25.00	4.15
6.00	4.20	16.00	4.20	30.00	4.15

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Lake # 239 16 NOV 69 (Day 320) Time: 09 45 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 4.5 (M)
Inflow Temperature:
Surface Temperature: 2.55 (C)
Epilimnion Temperature: 2.7 (C)
Planar-Thermocline : 1.5 (M)

Wind: 15 - 18 KMPH
Weather Description: LAKE 3/4 ICE
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 30 (M)
Change at Planar-Thermo: -.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	2.55	11.00	3.33	22.00	3.50
1.00	2.70	12.00	3.35	23.00	3.55
2.00	3.10	14.00	3.36	24.00	3.61
3.00	3.18	16.00	3.37	25.00	3.73
4.00	3.24	17.00	3.38	26.00	3.75
5.00	3.28	18.00	3.39	27.00	3.77
6.00	3.30	19.00	3.42	28.00	3.78
8.00	3.30	20.00	3.47	30.00	3.78
10.00	3.33	21.00	3.48		

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Lake # 239 10 DEC 69 (Day 344) Time: 11 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .65 (C)
Epilimnion Temperature: 2.15 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.65	9.00	2.80	18.00	3.63
1.00	2.15	10.00	2.93	20.00	3.70
2.00	2.22	11.00	3.08	22.00	3.75
3.00	2.25	12.00	3.18	24.00	3.80
4.00	2.27	13.00	3.32	26.00	3.82
5.00	2.28	14.00	3.42	28.00	3.82
6.00	2.40	15.00	3.49	30.00	3.90
7.00	2.52	16.00	3.53	30.70	3.95
8.00	2.68				

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Lake # 239 19 JAN 70 (Day 19) Time:
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1 (C)
Epilimnion Temperature: 1.47 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 31 (M)
Change at Planar-Thermo: -.910 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.00	8.00	3.02	22.00	3.79
1.00	1.47	10.00	3.17	24.00	3.79
2.00	2.38	12.00	3.34	25.00	3.79
3.00	2.53	14.00	3.47	26.00	3.80
4.00	2.62	15.00	3.52	28.00	3.83
5.00	2.71	16.00	3.58	30.00	3.92
6.00	2.80	18.00	3.68	31.00	4.02
7.00	2.91	20.00	3.74		

Lake # 239 7 APR 70 (Day 97) Time: 10 30 CDT
Air Temperature: 10 (C)
Cloud Cover: 2 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .4 (C)
Epilimnion Temperature: .9 (C)
Planar-Thermocline : 1.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.40	11.00	3.30	22.00	3.65
1.00	0.90	12.00	3.35	23.00	3.66
2.00	2.00	13.00	3.40	24.00	3.67
3.00	2.50	14.00	3.45	25.00	3.67
4.00	2.70	15.00	3.50	26.00	3.73
5.00	2.80	16.00	3.55	27.00	3.75
6.00	2.90	17.00	3.55	28.00	3.79
7.00	3.00	18.00	3.58	29.00	3.84
8.00	3.40	19.00	3.58	30.00	3.88
9.00	3.20	20.00	3.60	31.00	3.95
10.00	3.25	21.00	3.63		

Lake # 239 16 MAY 70 (Day 136) Time: 16 30 CDT
Air Temperature: 16.2 (C)
Cloud Cover: 7 /10
Secchi Visibility: 4.3 (M)
Inflow Temperature:
Surface Temperature: 5.2 (C)
Epilimnion Temperature: 5.15 (C)
Planar-Thermocline : 30.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 30.5 (M)
Change at Planar-Thermo: 1.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.20	11.00	5.10	22.00	5.08
1.00	5.15	12.00	5.10	23.00	5.01
2.00	5.13	13.00	5.10	24.00	5.10
3.00	5.13	14.00	5.10	25.00	5.10
4.00	5.11	15.00	5.09	26.00	5.10
5.00	5.14	16.00	5.08	27.00	5.10
6.00	5.12	17.00	5.08	28.00	5.10
7.00	5.10	18.00	5.08	29.00	5.10
8.00	5.11	19.00	5.08	30.00	5.02
9.00	5.10	20.00	5.08	31.00	3.84
10.00	5.11	21.00	5.08		

Lake # 239 7 MAY 70 (Day 127) Time: 09 00 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.05 (C)
Epilimnion Temperature: 3.42 (C)
Planar-Thermocline : .5 (M)
Wind: 16 - 24 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.05	11.00	3.45	22.00	3.71
1.00	3.42	12.00	3.48	23.00	3.73
2.00	3.42	13.00	3.50	24.00	3.78
3.00	3.42	14.00	3.55	25.00	3.80
4.00	3.42	15.00	3.60	26.00	3.82
5.00	3.42	16.00	3.60	27.00	3.85
6.00	3.42	17.00	3.62	28.00	3.90
7.00	3.42	18.00	3.62	29.00	3.95
8.00	3.45	19.00	3.63	30.00	4.00
9.00	3.45	20.00	3.68	31.00	4.03
10.00	3.45	21.00	3.70		

Lake # 239 19 MAY 70 (Day 139) Time: 10 30 CDT
Air Temperature: 10 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 5.85 (C)
Epilimnion Temperature: 5.55 (C)
Planar-Thermocline : 1.5 (M)
Wind: 5 - 8 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 32 (M)
Change at Planar-Thermo: 0.330 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.85	11.00	4.90	22.00	4.45
1.00	5.55	12.00	4.79	23.00	4.42
2.00	5.22	13.00	4.75	24.00	4.42
3.00	5.15	14.00	4.70	25.00	4.42
4.00	5.12	15.00	4.62	26.00	4.42
5.00	5.12	16.00	4.56	27.00	4.41
6.00	5.11	17.00	4.51	28.00	4.41
7.00	5.10	18.00	4.49	29.00	4.41
8.00	5.10	19.00	4.48	30.00	4.40
9.00	5.09	20.00	4.48	31.00	4.40
10.00	5.08	21.00	4.45	32.00	4.40

Lake # 239 21 MAY 70 (Day 141) Time: 10 00 CDT
Air Temperature: 9.8 (C) Wind: 3 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.28 (C)
Epilimnion Temperature: 6.18 (C) Epilimnion Depth (1 C/M): 31.2 (M)
Planar-Thermocline : 8.5 (M) Change at Planar-Thermo: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.28	11.00	4.83	22.00	4.55
1.00	6.18	12.00	4.81	23.00	4.53
2.00	5.99	13.00	4.78	24.00	4.50
3.00	5.95	14.00	4.83	25.00	4.50
4.00	5.95	15.00	4.69	26.00	4.48
5.00	5.95	16.00	4.68	27.00	4.45
6.00	5.92	17.00	4.63	28.00	4.42
7.00	5.81	18.00	4.60	29.00	4.42
8.00	5.70	19.00	4.58	30.00	4.42
9.00	4.90	20.00	4.56	31.00	4.40
10.00	4.87	21.00	4.56	31.20	4.37

Lake # 239 28 MAY 70 (Day 148) Time: 08 15 CDT
Air Temperature: 18.3 (C) Wind: 0 - 3 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.53 (C)
Zpilimnion Temperature: 8.02 (C) Epilimnion Depth (1 C/M): 31 (M)
Planar-Thermocline : 6.5 (M) Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.53	11.00	5.30	22.00	4.74
1.00	8.02	12.00	5.21	23.00	4.67
2.00	7.90	13.00	5.15	24.00	4.67
3.00	7.74	14.00	5.04	25.00	4.63
4.00	7.68	15.00	4.99	26.00	4.63
5.00	7.09	16.00	4.95	27.00	4.60
6.00	6.67	17.00	4.88	28.00	4.60
7.00	6.07	18.00	4.88	29.00	4.53
8.00	5.71	19.00	4.85	30.00	4.53
9.00	5.45	20.00	4.81	31.00	4.53
10.00	5.40	21.00	4.74		

Lake # 239 3 JUN 70 (Day 154) Time: 08 15 CDT
Air Temperature: 14.6 (C) Wind: 3 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.54 (C)
Epilimnion Temperature: 13.27 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 2.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.54	6.00	7.15	15.00	5.15
1.00	13.27	7.00	6.58	18.00	5.01
2.00	11.76	8.00	6.12	20.00	4.91
3.00	10.34	9.00	5.77	25.00	4.79
4.00	8.27	10.00	5.64	30.00	4.60
5.00	7.53	12.00	5.40	31.50	4.63

Lake # 239 5 JUN 70 (Day 156) Time: 08 00 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.46 (C)
Epilimnion Temperature: 16.45 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 4.210 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.46	5.00	8.30	10.00	6.58
1.00	16.45	6.00	7.35	15.00	5.67
2.00	15.65	7.00	6.42	20.00	5.70
3.00	11.44	8.00	6.46	25.00	5.76
4.00	8.26	9.00	6.55	30.00	5.77

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Lake # 239 18 JUN 70 (Day 169) Time: 08 25 CDT
Air Temperature: 11 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.68 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.06 (C)
Epilimnion Temperature: 19.16 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 8.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.06	7.00	6.71	20.00	5.21
1.00	19.16	8.00	6.36	23.00	5.15
2.00	19.16	9.00	6.00	25.00	5.14
3.00	19.16	10.00	5.89	27.00	5.01
4.00	10.40	13.00	5.52	30.00	4.93
5.00	8.54	15.00	5.46	31.20	4.94
6.00	7.58	18.00	5.34		

****

Lake # 239 1 JUL 70 (Day 182) Time: 09 30 CDT
Air Temperature: 23.64 (C) Wind: 3 - 8 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.75 (C)
Epilimnion Temperature: 21.64 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.75	4.25	12.58	15.00	5.34
1.00	21.64	4.50	11.92	18.00	5.15
2.00	21.58	5.00	10.64	20.00	5.08
3.00	20.15	6.00	7.42	22.00	4.95
3.25	18.86	7.00	6.76	25.00	4.91
3.50	18.01	8.00	6.27	28.00	4.88
3.75	15.95	10.00	5.83	30.00	4.88
4.00	13.01	13.00	5.52	30.20	4.79

****

Lake # 239 22 JUN 70 (Day 173) Time: 12 45 CDT
Air Temperature: Wind: 0 - 2 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.18 (C)
Epilimnion Temperature: 20.91 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.18	3.75	12.90	13.00	5.40
1.00	20.91	4.00	11.00	15.00	5.21
2.00	20.77	4.25	10.58	18.00	5.08
2.25	20.56	4.50	9.42	20.00	5.01
2.50	19.60	4.75	8.91	23.00	4.88
2.75	18.59	5.00	8.54	25.00	4.81
3.00	18.17	5.50	7.58	28.00	4.81
3.25	17.42	6.00	7.20	30.00	4.74
3.50	15.46	10.00	5.77	31.20	4.67

****

Lake # 239 8 JUL 70 (Day 189) Time: 09 50 CDT
Air Temperature: 21.5 (C) Wind: 0 - 2 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.89 (C)
Epilimnion Temperature: 20.88 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.89	4.50	11.89	15.00	5.15
1.00	20.88	4.75	11.36	18.00	5.01
2.00	20.88	5.00	10.58	20.00	4.88
3.00	20.88	5.25	8.54	23.00	4.74
3.25	20.52	5.50	8.03	25.00	4.73
3.50	18.91	6.00	7.24	28.00	4.67
3.75	17.79	7.00	6.53	30.00	4.67
4.00	16.48	10.00	5.77	31.20	4.67
4.25	13.32	13.00	5.34		

****

Lake # 239 15 JUL 70 (Day 196) Time: 08 30 CDT
Air Temperature: 20.4 (C) Wind: 3 - 6 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.9 (C)
Epilimnion Temperature: 23.06 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.90	4.50	12.31	15.00	5.15
1.00	23.06	5.00	11.00	17.00	5.04
2.00	23.11	5.50	8.54	20.00	4.88
3.00	22.15	6.00	7.79	23.00	4.74
3.25	22.18	6.50	7.03	25.00	4.71
3.50	20.08	7.00	6.70	27.00	4.67
3.75	18.91	8.00	6.12	30.00	4.67
4.00	16.98	10.00	5.77	31.20	4.67
4.25	13.38	13.00	5.28		

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Lake # 239 24 JUL 70 (Day 205) Time:
Air Temperature: 22.1 (C) Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.64 (C)
Epilimnion Temperature: 21.62 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.64	5.25	11.52	15.00	5.77
1.00	21.62	5.50	10.55	18.00	5.62
2.00	21.60	5.75	10.32	20.00	5.55
3.00	21.60	6.00	8.45	23.00	5.49
4.00	21.55	6.50	7.15	25.00	5.45
4.25	21.22	7.00	6.85	28.00	5.43
4.50	20.95	8.00	6.58	30.00	5.42
4.75	12.38	10.00	6.16	31.20	5.42
5.00	12.00	13.00	5.82		

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Lake # 239 29 JUL 70 (Day 210) Time:
Air Temperature: 24.1 (C) Wind: 0 - 2 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.56 (C)
Epilimnion Temperature: 23.55 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 4.25 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.56	5.00	13.40	13.00	4.80
1.00	23.55	5.50	9.10	15.00	4.68
2.00	23.50	6.00	8.40	20.00	4.40
3.00	22.35	6.50	7.00	25.00	4.32
3.50	21.15	7.00	6.50	30.00	4.29
4.00	20.00	8.00	5.95	30.90	4.30
4.50	14.85	10.00	5.30		

****

Lake # 239 24 AUG 70 (Day 236) Time:
Air Temperature: 26.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.28 (C)
Epilimnion Temperature: 20.18 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : 4.75 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.28	5.00	15.48	10.00	5.58
1.00	20.18	5.50	12.48	13.00	5.08
2.00	19.88	6.00	10.28	15.00	4.78
3.00	19.38	6.50	8.18	20.00	4.54
3.50	19.18	7.00	7.48	25.00	4.42
4.00	19.08	8.00	6.58	30.00	4.38
4.50	18.68	9.00	6.18	31.00	4.38

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Lake # 239 1 OCT 70 (Day 274) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.53 (C)
Epilimnion Temperature: 12.52 (C) Epilimnion Depth (1 C/M): 6.5 (M)
Planar-Thermocline : 7.25 (M) Change at Planar-Thermo: 5.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.53	7.50	8.82	20.00	4.50						
1.00	12.52	8.00	6.92	22.00	4.39						
2.00	12.49	9.00	6.11	24.00	4.38						
3.00	12.49	10.00	5.60	26.00	4.37						
4.00	12.48	12.00	5.16	28.00	4.35						
5.00	12.48	14.00	4.88	30.00	4.33						
6.00	12.47	16.00	4.72	30.40	4.33						
7.00	11.38	18.00	4.58								

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Lake # 239 7 OCT 70 (Day 280) Time: 10 45 CDT
Air Temperature: Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.42 (C)
Epilimnion Temperature: 10.48 (C) Epilimnion Depth (1 C/M): 8.5 (M)
Planar-Thermocline : 8.5 (M) Change at Planar-Thermo: 3.140 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.42	8.00	10.16	20.00	4.48
1.00	10.48	9.00	7.02	22.00	4.42
2.00	10.49	10.00	5.92	24.00	4.37
3.00	10.51	12.00	5.17	26.00	4.32
4.00	10.51	14.00	4.86	28.00	4.30
5.00	10.50	16.00	4.70	30.00	4.28
6.00	10.49	18.00	4.53	31.00	4.28
7.00	10.42				

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Lake # 239 23 SEP 70 (Day 266) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.43 (C)
Epilimnion Temperature: 13.45 (C) Epilimnion Depth (1 C/M): 6.25 (M)
Planar-Thermocline : 7.25 (M) Change at Planar-Thermo: 3.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.43	7.00	10.72	18.00	4.54
1.00	13.45	7.50	8.98	20.00	4.48
2.00	13.47	8.00	7.32	22.00	4.41
3.00	13.47	9.00	5.98	24.00	4.32
4.00	13.47	10.00	5.65	26.00	4.30
5.00	13.42	12.00	5.12	28.00	4.29
6.00	13.38	14.00	4.85	30.00	4.28
6.50	12.35	16.00	4.68	31.10	4.29

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Lake # 239 13 OCT 70 (Day 286) Time: 13 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 7.17 (C)
Epilimnion Temperature: 7.12 (C)
Planar-Thermocline : 11.5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 11.5 (M)
Change at Planar-Thermo: 1.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.17	10.00	7.12	15.00	4.76
1.00	7.12	11.00	7.12	20.00	4.50
3.00	7.12	12.00	6.12	25.00	4.34
5.00	7.12	13.00	5.50	30.00	4.30
7.00	7.12	14.00	4.92	31.10	4.29
9.00	7.12				

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Lake # 239 9 NOV 70 (Day 313) Time: 11 20 CST
Air Temperature: 0 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.75 (M)
Inflow Temperature:
Surface Temperature: 5.1 (C)
Epilimnion Temperature: 5.1 (C)
Planar-Thermocline : 23.5 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 31.2 (M)
Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.10	15.00	5.05	23.00	4.65
1.00	5.10	16.00	5.00	24.00	4.45
2.00	5.10	17.00	4.99	25.00	4.35
4.00	5.10	18.00	4.94	27.00	4.35
6.00	5.10	19.00	4.94	29.00	4.35
8.00	5.10	20.00	4.94	30.00	4.33
10.00	5.10	21.00	4.90	31.20	4.33
14.00	5.05	22.00	4.83		

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Lake # 239 21 OCT 70 (Day 294) Time: 10 30 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 6.82 (C)
Epilimnion Temperature: 6.77 (C)
Planar-Thermocline : 14.5 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 31 (M)
Change at Planar-Thermo: 0.730 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.82	11.00	6.45	22.00	4.48
1.00	6.77	12.00	6.35	23.00	4.45
2.00	6.69	13.00	6.30	24.00	4.43
3.00	6.69	14.00	5.85	25.00	4.40
4.00	6.68	15.00	5.12	26.00	4.38
5.00	6.67	16.00	5.03	27.00	4.38
6.00	6.66	17.00	4.82	28.00	4.38
7.00	6.66	18.00	4.75	29.00	4.38
8.00	6.65	19.00	4.70	30.00	4.38
9.00	6.54	20.00	4.60	31.00	4.38
10.00	6.50	21.00	4.55		

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Lake # 239 7 DEC 70 (Day 341) Time: 20 00 CST
Air Temperature: 21 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .37 (C)
Epilimnion Temperature: 1.02 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 30.8 (M)
Change at Planar-Thermo: -.650 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.37	5.00	1.52	20.00	3.25
1.00	1.02	7.00	1.89	25.00	3.50
2.00	1.12	10.00	2.40	30.00	3.60
3.00	1.20	15.00	2.90	30.80	3.61

Lake # 239 19 JAN 71 (Day 19) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .08 (C)
Epilimnion Temperature: .49 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 30.5 (M)
Change at Planar-Thermo: -.570 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.08	8.00	2.27	20.00	3.35
1.00	0.49	9.00	2.47	22.00	3.47
2.00	1.06	10.00	2.67	24.00	3.49
3.00	1.33	12.00	2.78	26.00	3.53
4.00	1.51	14.00	2.97	28.00	3.58
5.00	1.70	16.00	3.07	30.00	3.63
6.00	1.87	18.00	3.20	30.50	3.67
7.00	2.07				

Lake # 239 30 MAR 71 (Day 89) Time:
Air Temperature: 0 (C)
Cloud Cover: 5 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .38 (C)
Epilimnion Temperature: .38 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 30.5 (M)
Change at Planar-Thermo: -.790 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	0.38	9.00	2.67	20.00	3.42
2.00	1.17	10.00	2.78	22.00	3.48
3.00	1.60	12.00	2.98	24.00	3.48
4.00	1.86	14.00	3.07	25.00	3.50
5.00	2.03	15.00	3.20	26.00	3.53
6.00	2.19	16.00	3.21	28.00	3.58
7.00	2.32	18.00	3.33	30.50	3.63
8.00	2.49				

Lake # 239 23 FEB 71 (Day 54) Time: 09 20 CST
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .2 (C)
Epilimnion Temperature: .45 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 30 (M)
Change at Planar-Thermo: -.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.20	5.00	1.87	20.00	3.41
1.00	0.45	7.00	2.18	25.00	3.52
2.00	1.13	10.00	2.69	30.00	3.66
3.00	1.48	15.00	3.12		

Lake # 239 0 MAY 71 (Day 120) Time: 11 30 CDT
Air Temperature: 2.8 (C)
Cloud Cover:
Secchi Visibility: 5.2 (M)
Inflow Temperature:
Surface Temperature: 3.85 (C)
Epilimnion Temperature: 3.87 (C)
Planar-Thermocline : 30.75 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 31.5 (M)
Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.85	8.00	3.85	20.00	3.80
1.00	3.87	9.00	3.85	22.00	3.69
2.00	3.88	10.00	3.85	24.00	3.62
3.00	3.88	12.00	3.84	26.00	3.51
4.00	3.88	14.00	3.84	28.00	3.55
5.00	3.88	16.00	3.84	30.00	3.65
6.00	3.88	18.00	3.84	31.50	3.80
7.00	3.87				

Lake # 239 1 MAY 71 (Day 121) Time: 11 30 CDT
Air Temperature: 5 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 3.89 (C)
Epilimnion Temperature: 3.89 (C)
Planar-Thermocline : 30.75 (M)

Wind: -
Weather Description: RAIN & SNOW
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 31.5 (M)
Change at Planar-Thermo: -.087 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.89	8.00	3.80	20.00	3.79
1.00	3.89	9.00	3.80	22.00	3.79
2.00	3.86	10.00	3.80	24.00	3.79
3.00	3.86	12.00	3.80	26.00	3.79
4.00	3.82	14.00	3.79	28.00	3.74
5.00	3.80	16.00	3.79	30.00	3.65
6.00	3.80	18.00	3.79	31.50	3.78
7.00	3.80				

Lake # 239 3 MAY 71 (Day 123) Time: 16 00 CDT
Air Temperature: 17 (C)
Cloud Cover: 2 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 4.64 (C)
Epilimnion Temperature: 4.58 (C)
Planar-Thermocline : 13 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 31.3 (M)
Change at Planar-Thermo: 0.110 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.64	8.00	4.51	20.00	4.00
1.00	4.58	9.00	4.51	22.00	3.98
2.00	4.58	10.00	4.51	24.00	3.94
3.00	4.55	12.00	4.51	26.00	3.92
4.00	4.55	14.00	4.29	28.00	3.92
5.00	4.53	16.00	4.24	30.00	3.86
6.00	4.52	18.00	4.08	31.30	3.84
7.00	4.52				

Lake # 239 2 MAY 71 (Day 122) Time: 11 30 CDT
Air Temperature: 16 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 4.07 (C)
Epilimnion Temperature: 4.02 (C)
Planar-Thermocline : .5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 31.2 (M)
Change at Planar-Thermo: 0.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.07	8.00	3.89	20.00	3.85
1.00	4.02	9.00	3.89	22.00	3.88
2.00	4.00	10.00	3.94	24.00	3.89
3.00	4.01	12.00	3.89	26.00	3.88
4.00	3.98	14.00	3.86	28.00	3.85
5.00	3.97	16.00	3.86	30.00	3.84
6.00	3.97	18.00	3.86	31.20	3.82
7.00	3.94				

Lake # 239 6 MAY 71 (Day 126) Time:
Air Temperature: 9.7 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.9 (M)
Inflow Temperature:
Surface Temperature: 6.5 (C)
Epilimnion Temperature: 6.38 (C)
Planar-Thermocline : 1.5 (M)

Wind: 3 - 6 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 31.2 (M)
Change at Planar-Thermo: 0.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.50	8.00	5.13	20.00	4.23
1.00	6.38	9.00	4.82	22.00	4.17
2.00	6.02	10.00	4.72	24.00	4.08
3.00	5.92	12.00	4.60	25.00	4.0[illegible]
4.00	5.82	14.00	4.48	26.00	4.02
5.00	5.72	15.00	4.40	28.00	4.02
6.00	5.68	16.00	4.38	30.00	4.01
7.00	5.44	18.00	4.30	31.20	[illegible].00

Lake # 239 10 MAY 71 (Day 130) Time:
Air Temperature: 16.1 (C)
Cloud Cover: 6 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 9.45 (C)
Epilimnion Temperature: 9.21 (C)
Planar-Thermocline : 4.5 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 1.450 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.45	8.00	5.29	20.00	4.45
1.00	9.21	9.00	5.20	22.00	4.35
2.00	9.09	10.00	5.05	24.00	4.25
3.00	8.49	12.00	4.70	25.00	4.20
4.00	8.00	14.00	4.60	26.00	4.19
5.00	6.58	15.00	4.58	28.00	4.11
6.00	6.09	16.00	4.55	30.00	4.10
7.00	5.59	18.00	4.52	31.20	4.08

Lake # 239 24 MAY 71 (Day 144) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 10.27 (C)
Epilimnion Temperature: 10.27 (C)
Planar-Thermocline : 6.25 (M)

Wind: 10 - 20 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: 3.380 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.27	6.50	7.08	20.00	4.46
1.00	10.27	7.00	6.80	22.00	4.32
2.00	10.27	8.00	5.87	24.00	4.22
3.00	10.27	9.00	5.43	25.00	4.17
4.00	10.22	10.00	5.27	26.00	4.15
5.00	9.82	12.00	4.88	28.00	4.12
5.25	9.61	14.00	4.78	30.00	4.09
5.50	9.52	15.00	4.69	31.00	4.08
5.75	9.03	16.00	4.66	31.10	4.08
6.00	8.77	18.00	4.56		

Lake # 239 3 JUN 71 (Day 154) Time:
Air Temperature: 27.8 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 18.35 (C)
Epilimnion Temperature: 18.3 (C)
Planar-Thermocline : 5.125 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.125 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.35	6.00	9.70	19.00	4.38
1.00	18.30	7.00	8.52	20.00	4.30
1.25	17.90	8.00	7.39	21.00	4.25
1.75	17.65	9.00	6.29	22.00	4.20
2.00	15.90	10.00	5.60	23.00	4.19
2.25	15.40	11.00	5.42	24.00	4.19
2.50	14.90	12.00	5.22	25.00	4.18
2.75	14.15	13.00	4.90	26.00	4.15
3.00	13.50	14.00	4.85	27.00	4.15
4.00	13.00	15.00	4.79	28.00	4.12
5.00	12.80	16.00	4.65	29.00	4.12
5.25	10.60	17.00	4.49	30.00	4.12
5.50	10.18	18.00	4.41	31.00	4.10
5.75	9.79				

Lake # 239 7 JUN 71 (Day 158) Time: 08 50 CDT
Air Temperature: 10.8 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 17.6 (C)
Epilimnion Temperature: 17.48 (C)
Planar-Thermocline : 3.375 (M)

Wind: 16 - 24 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.60	8.00	7.30	20.00	4.51
1.00	17.68	9.00	6.35	21.00	4.49
2.00	17.65	10.00	5.80	22.00	4.39
3.00	17.00	11.00	5.40	23.00	4.32
3.25	16.40	12.00	5.31	24.00	4.29
3.50	14.00	13.00	5.20	25.00	4.28
3.75	13.41	14.00	5.10	26.00	4.20
4.00	12.85	15.00	4.89	27.00	4.19
4.50	11.40	16.00	4.81	28.00	4.19
5.00	11.30	17.00	4.70	29.00	4.18
6.00	10.20	18.00	4.62	30.00	4.18
7.00	8.65	19.00	4.59	31.20	4.18

Lake # 239 17 JUN 71 (Day 168) Time: 08 55 CDT
Air Temperature: 20.4 (C) Wind: 3 - 6 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.38 (C)
Epilimnion Temperature: 21.31 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.38	5.25	11.00	18.00	4.60
1.00	21.31	5.50	10.71	19.00	4.58
2.00	20.45	5.75	10.35	20.00	4.50
2.25	19.05	6.00	9.50	21.00	4.45
2.50	18.58	7.00	7.91	22.00	4.39
2.75	18.08	8.00	6.80	23.00	4.32
3.00	17.50	9.00	6.12	24.00	4.29
3.25	17.01	10.00	5.75	25.00	4.23
3.50	16.35	11.00	5.50	26.00	4.21
3.75	15.50	12.00	5.35	27.00	4.20
4.00	14.65	13.00	5.20	28.00	4.19
4.25	13.05	14.00	5.10	29.00	4.19
4.50	12.09	15.00	4.90	30.00	4.18
4.75	11.60	16.00	4.78	31.20	4.12
5.00	11.22	17.00	4.68		

Lake # 239 1 JUL 71 (Day 182) Time: 14 00 CDT
Air Temperature: 25.5 (C) Wind: 3 - 6 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.6 (C)
Epilimnion Temperature: 21.11 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 4.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.60	4.75	14.35	10.00	6.52
1.00	21.11	5.00	13.27	11.00	7.02
2.00	21.11	5.25	12.78	12.00	5.93
3.00	19.15	5.50	11.90	13.00	5.44
3.25	19.15	5.75	11.32	14.00	5.44
3.50	18.66	6.00	10.92	15.00	5.44
3.75	18.17	6.50	10.24	20.00	4.86
4.00	17.75	7.00	9.46	25.00	4.46
4.25	16.51	8.00	8.38	30.00	4.40
4.50	15.52	9.00	7.40		

Lake # 239 5 JUL 71 (Day 186) Time: 09 20 CDT
Air Temperature: Wind: 8 - 16 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: BROWN -ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.52 (C)
Epilimnion Temperature: 20.4 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 4.310 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.52	8.00	7.59	22.00	4.75
1.00	20.40	9.00	6.81	24.00	4.66
2.00	20.32	10.00	6.48	25.00	4.56
3.00	20.32	12.00	6.03	26.00	4.37
4.00	17.97	14.00	5.64	28.00	4.37
5.00	13.66	16.00	5.44	30.00	4.37
6.00	11.12	18.00	5.15	31.50	4.37
7.00	8.97	20.00	4.95		

Printed in Canada by
Supply and Services Canada
Printing Office
for exclusive distribution by
Fisheries and Oceans
Freshwater Institute
Winnipeg, Manitoba
Canada

Number/
Numéro

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Temperature Profiles for 29 Lakes in the Experimental Lakes Area, Northwestern Ontario 1968-1983. Part 2

D.R. Cruikshank

Western Region
Department of Fisheries and Oceans
Winnipeg, Manitoba R3T 2N6

May 1984

Canadian Data Report of Fisheries and Aquatic Sciences No. 452

Canadian Data Report of Fisheries and Aquatic Sciences

These reports provide a medium for filing and archiving data compilations where little or no analysis is included. Such compilations commonly will have been prepared in support of other journal publications or reports. The subject matter of Data Reports reflects the broad interests and policies of the Department of Fisheries and Oceans, namely, fisheries management, technology and development, ocean sciences, and aquatic environments relevant to Canada.

Numbers 1-25 in this series were issued as Fisheries and Marine Service Data Records. Numbers 26-160 were issued as Department of Fisheries and the Environment, Fisheries and Marine Service Data Reports. The current series name was changed with report number 161.

The correct citation appears above the abstract of each report.

Rapport statistique canadien des sciences halieutiques et aquatiques

Ces rapports servent de base à la compilation des données de classement et d'archives pour lesquelles il y a peu ou point d'analyse. Cette compilation aura d'ordinaire été préparée pour appuyer d'autres publications ou rapports. Les sujets des Rapports statistiques reflètent la vaste gamme des intérêts et politiques du Ministère des Pêches et des Océans, notamment gestion des pêches, techniques et développement, sciences océaniques et environnements aquatiques, au Canada.

Les numéros 1 à 25 de cette série ont été publiés à titre de Records statistiques, Service des pêches et de la mer. Les numéros 26-160 ont été publiés à titre de Rapports statistiques du Service des pêches et de la mer, Ministère des Pêches et de l'Environnement. Le nom de la série a été modifié à partir du numéro 161.

Le titre exact paraît au haut du résumé de chaque rapport.

Canadian Data Report of

Fisheries and Aquatic Sciences 452

May 1984

TEMPERATURE PROFILES FOR 29 LAKES IN THE EXPERIMENTAL LAKES AREA, NORTHWESTERN ONTARIO, 1968-1983.

PART II

by

D.R. Cruikshank

Western Region

Department of Fisheries and Oceans

Winnipeg, Manitoba R3T 2N6

This is the 64th Data Report

from the Western Region, Winnipeg

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Lake # 239 15 JUL 71 (Day 196) Time: 08 58 CDT
Air Temperature:
Cloud Cover: 8 /10
Secchi Visibility: 3.3 (M)
Inflow Temperature:
Surface Temperature: 20.5 (C)
Epilimnion Temperature: 20.4 (C)
Planar-Thermocline : 4.875 (M)

Wind: 6 - 10 KMPH
Weather Description:
Water Color: BROWN -ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	7.00	8.40	20.00	4.55
1.00	20.40	8.00	7.35	21.00	4.49
2.00	20.38	9.00	6.31	22.00	4.42
3.00	20.31	10.00	6.05	23.00	4.39
4.00	20.25	11.00	5.61	24.00	4.35
4.25	19.50	12.00	5.51	25.00	4.30
4.50	18.65	13.00	5.39	26.00	4.30
4.75	17.10	14.00	5.25	27.00	4.28
5.00	14.15	15.00	5.18	28.00	4.25
5.25	12.95	16.00	4.95	29.00	4.25
5.50	11.60	17.00	4.80	30.00	4.25
5.75	10.85	18.00	4.69	30.20	4.24
6.00	9.65	19.00	4.60		

****

Lake # 239 2 AUG 71 (Day 214) Time: 09 30 CDT
Air Temperature: 12.7 (C)
Cloud Cover: 6 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 16.71 (C)
Epilimnion Temperature: 16.75 (C)
Planar-Thermocline : 5.625 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.71	6.50	9.50	18.00	4.70
1.00	16.75	7.00	8.63	20.00	4.50
2.00	16.79	8.00	7.42	22.00	4.41
3.00	16.79	9.00	6.65	24.00	4.39
4.00	16.79	10.00	6.60	25.00	4.32
5.00	16.79	12.00	5.61	26.00	4.21
5.25	16.70	14.00	5.25	28.00	4.21
5.50	16.59	15.00	5.12	30.00	4.21
5.75	14.07	16.00	4.95	30.20	4.21

****

Lake # 239 12 AUG 71 (Day 224) Time: 08 45 CDT
Air Temperature: 21 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 20.65 (C)
Epilimnion Temperature: 20.61 (C)
Planar-Thermocline : 5.875 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: 7.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.65	5.50	15.39	16.00	4.90
1.00	20.61	5.75	14.30	18.00	4.70
2.00	20.61	6.00	12.45	20.00	4.50
3.00	20.60	7.00	9.50	22.00	4.40
3.50	19.20	8.00	7.50	24.00	4.35
4.00	18.05	9.00	6.70	25.00	4.30
4.25	17.50	10.00	6.25	26.00	4.30
4.75	16.85	12.00	5.60	28.00	4.29
5.00	16.50	14.00	5.25	30.00	4.29
5.25	15.80	15.00	5.05	30.20	4.29

****

Lake # 239 26 AUG 71 (Day 238) Time: 09 35 CDT
Air Temperature: 16.2 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 18.85 (C)
Epilimnion Temperature: 19 (C)
Planar-Thermocline : 5.625 (M)

Wind: 3 - 6 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 5.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.85	6.00	13.49	16.00	5.10
1.00	19.00	6.25	12.74	18.00	4.93
2.00	18.96	6.50	11.64	20.00	4.74
3.00	18.93	6.75	10.75	22.00	4.45
4.00	18.93	7.00	10.03	24.00	4.44
5.00	17.99	8.00	7.82	26.00	4.30
5.25	17.04	10.00	6.45	28.00	4.30
5.50	15.84	12.00	5.88	30.00	4.25
5.75	14.56	14.00	5.42	30.10	4.25

****

Lake # 239 30 AUG 71 (Day 242) Time: 08 35 CDT
Air Temperature: 20.3 (C) Wind: 2 - 4 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.67 (C)
Epilimnion Temperature: 19.67 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 5.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.67	5.75	14.85	18.00	4.76
1.00	19.67	6.00	13.56	20.00	4.65
2.00	19.67	7.00	9.98	22.00	4.55
3.00	19.65	8.00	8.25	24.00	4.45
4.00	19.25	10.00	7.16	25.00	4.30
4.25	18.90	12.00	5.64	26.00	4.27
4.50	18.63	14.00	5.27	28.00	4.25
5.00	17.89	15.00	5.04	30.00	4.25
5.25	16.92	16.00	4.95	30.20	4.20
5.50	15.72				

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Lake # 239 23 SEP 71 (Day 266) Time: 10 30 CDT
Air Temperature: Wind: 16 - 24 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.82 (C)
Epilimnion Temperature: 13.83 (C) Epilimnion Depth (1 C/M): 6.5 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 2.410 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.82	8.00	9.15	20.00	4.70
1.00	13.83	9.00	7.05	22.00	4.58
2.00	13.83	10.00	6.68	24.00	4.48
3.00	13.83	12.00	6.05	25.00	4.47
4.00	13.81	14.00	5.58	26.00	4.45
5.00	13.78	15.00	5.43	28.00	4.43
6.00	13.74	16.00	5.23	30.00	4.42
7.00	11.56	18.00	4.90	30.90	4.43

****

Lake # 239 13 SEP 71 (Day 256) Time: 08 40 CDT
Air Temperature: 15.4 (C) Wind: 8 - 16 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.73 (C)
Epilimnion Temperature: 18.74 (C) Epilimnion Depth (1 C/M): 5.375 (M)
Planar-Thermocline : 8.75 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.73	6.75	11.61	16.00	5.19
1.00	18.74	7.00	10.72	18.00	4.92
2.00	18.76	7.50	9.65	20.00	4.70
3.00	18.76	8.00	8.25	22.00	4.57
4.00	18.79	8.50	16.95	24.00	4.53
5.00	17.99	9.00	6.76	25.00	4.46
5.75	15.63	10.00	6.42	26.00	4.46
6.00	14.39	12.00	5.94	28.00	4.45
6.25	13.19	14.00	5.54	30.00	4.44
6.50	12.35	15.00	5.32	30.10	4.44

****

Lake # 239 4 OCT 71 (Day 277) Time: 08 45 CDT
Air Temperature: 8.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.76 (C)
Epilimnion Temperature: 12.84 (C) Epilimnion Depth (1 C/M): 7.25 (M)
Planar-Thermocline : 7.75 (M) Change at Planar-Thermo: 3.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.76	8.00	10.04	20.00	4.73
1.00	12.84	9.00	7.74	22.00	4.56
2.00	12.84	10.00	6.85	24.00	4.54
3.00	12.84	12.00	6.04	25.00	4.50
4.00	12.84	14.00	5.64	26.00	4.45
5.00	12.84	15.00	5.54	28.00	4.45
6.00	12.84	16.00	5.44	30.00	4.45
7.00	12.44	18.00	4.94	30.50	4.45
7.50	11.76				

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Lake # 239 18 OCT 71 (Day 291) Time: 07 15 CDT
Air Temperature: 12.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.65 (C)
Epilimnion Temperature: 9.57 (C) Epilimnion Depth (1 C/M): 9.5 (M)
Planar-Thermocline : 10.25 (M) Change at Planar-Thermo: 2.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.65	9.00	9.15	20.00	4.65
1.00	9.57	10.00	7.65	22.00	4.57
2.00	9.54	10.50	6.64	24.00	4.54
3.00	9.46	11.00	6.50	25.00	4.48
4.00	9.34	12.00	6.14	26.00	4.45
5.00	9.30	14.00	5.56	28.00	4.45
6.00	9.23	15.00	5.39	30.00	4.45
7.00	9.22	16.00	5.19	30.30	4.45
8.00	9.20	18.00	4.90		

****

Lake # 239 10 NOV 71 (Day 314) Time: 09 05 CST
Air Temperature: 0 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature: 1 (C)
Surface Temperature: 4.15 (C)
Epilimnion Temperature: 4.15 (C) Epilimnion Depth (1 C/M): 31 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: -.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.15	13.00	4.27	22.00	4.31
1.00	4.15	15.00	4.28	23.00	4.31
2.00	4.15	16.00	4.28	24.00	4.27
3.00	4.15	17.00	4.28	25.00	4.27
4.00	4.27	18.00	4.28	26.00	4.27
6.00	4.27	19.00	4.28	28.00	4.27
8.00	4.27	20.00	4.31	30.00	4.27
10.00	4.27	21.00	4.31	31.00	4.27
12.00	4.27				

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Lake # 239 15 DEC 71 (Day 349) Time: 08 30 CST
Air Temperature: -3.8 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: RAIN
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .86 (C)
Epilimnion Temperature: 2.01 (C) Epilimnion Depth (1 C/M): .375 (M)
Planar-Thermocline : .375 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.86	7.00	2.91	22.00	3.40
0.50	1.26	10.00	3.06	24.00	3.42
1.00	2.01	12.00	3.16	25.00	3.44
2.00	2.39	14.00	3.20	26.00	3.50
3.00	2.49	15.00	3.22	28.00	3.52
4.00	2.59	16.00	3.25	30.00	3.61
5.00	2.74	18.00	3.30	30.90	3.67
6.00	2.85	20.00	3.36		

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Lake # 239 19 JAN 72 (Day 19) Time: 09 00 CST
Air Temperature: -28.5 (C) Wind: 16 - 32 KMPH
Cloud Cover: 0 /10 Weather Description: SUNNY
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 1.05 (C)
Epilimnion Temperature: 2.5 (C) Epilimnion Depth (1 C/M): .125 (M)
Planar-Thermocline : .125 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.05	7.00	3.12	20.00	3.42
0.25	1.60	8.00	3.19	22.00	3.48
0.50	1.71	9.00	3.21	24.00	3.50
1.00	2.50	10.00	3.25	25.00	3.50
2.00	2.52	12.00	3.30	26.00	3.55
3.00	2.70	14.00	3.31	28.00	3.60
4.00	2.85	15.00	3.35	30.00	3.70
5.00	2.90	16.00	3.37	31.00	3.80
6.00	3.01	18.00	3.40		

Lake # 239 — 16 FEB 72 — (Day 47) — Time: 07 30 CST

Air Temperature: -12.2 (C)
Cloud Cover: 9 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .4 (C)
Epilimnion Temperature: .9 (C)
Planar-Thermocline : 2.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.40	8.00	3.29	20.00	3.50
0.50	0.52	9.00	3.30	22.00	3.52
1.00	0.90	10.00	3.33	24.00	3.55
2.00	1.70	12.00	3.38	25.00	3.59
3.00	2.81	14.00	3.40	26.00	3.65
4.00	2.90	15.00	3.42	28.00	3.72
5.00	3.07	16.00	3.45	30.00	3.75
6.00	3.19	18.00	3.50	30.50	3.80
7.00	3.20				

Lake # 239 — 3 MAY 72 — (Day 123) — Time: 10 15 CDT

Air Temperature: 15.5 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 3.61 (C)
Epilimnion Temperature: 4.51 (C)
Planar-Thermocline : .25 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.61	4.00	3.91	20.00	3.81
0.50	4.45	5.00	3.91	25.00	3.60
1.00	4.51	7.00	3.91	30.00	3.69
2.00	3.99	10.00	3.89	31.00	3.86
3.00	3.93	15.00	3.88		

Lake # 239 — 6 APR 72 — (Day 96) — Time: 08 30 CST

Air Temperature: -15 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .25 (C)
Epilimnion Temperature: .52 (C)
Planar-Thermocline : 1.5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.25	10.00	3.38	22.00	3.58
1.00	0.52	12.00	3.42	24.00	3.59
2.00	1.92	14.00	3.55	25.00	3.60
3.00	2.73	15.00	3.54	26.00	3.67
4.00	3.02	16.00	3.54	28.00	3.72
5.00	3.17	18.00	3.56	30.00	3.78
7.00	3.21	20.00	3.57	30.70	3.82

Lake # 239 — 11 MAY 72 — (Day 131) — Time: 17 00 CDT

Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.73 (C)
Epilimnion Temperature: 8.73 (C)
Planar-Thermocline : 2.75 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.75 (M)
Change at Planar-Thermo: 4.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.73	9.00	4.61	19.00	4.39
1.00	8.73	10.00	4.59	20.00	4.36
2.00	8.61	11.00	4.53	21.00	4.36
2.50	8.41	12.00	4.51	22.00	4.33
3.00	6.11	13.00	4.51	23.00	4.31
4.00	5.11	14.00	4.46	24.00	4.31
5.00	4.91	15.00	4.43	25.00	4.26
6.00	4.81	16.00	4.43	30.00	4.26
7.00	4.71	17.00	4.41	31.50	4.26
8.00	4.69	18.00	4.41		

Lake # 239 — 16 MAY 72 — (Day 136) — Time: 08 50 CDT

Air Temperature: 15.5 (C)
Cloud Cover: 2 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 11.01 (C)
Epilimnion Temperature: 11.01 (C)
Planer-Thermocline : 7.5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planer-Thermo: 1.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.01	8.00	4.99	20.00	4.41
1.00	11.01	9.00	4.76	22.00	4.36
2.00	10.19	10.00	4.76	24.00	4.31
2.50	9.41	12.00	4.61	25.00	4.31
3.00	8.82	14.00	4.53	26.00	4.31
4.00	7.06	15.00	4.51	28.00	4.26
5.00	8.91	16.00	4.50	30.00	4.26
6.00	8.36	18.00	4.42	30.50	4.31
7.00	8.11				

Lake # 239 — 23 JUN 72 — (Day 174) — Time: 16 10 CDT

Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 21.16 (C)
Epilimnion Temperature: 20.63 (C)
Planer-Thermocline : 4.625 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planer-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.16	5.00	8.36	16.00	4.49
0.50	21.11	6.00	6.72	18.00	4.41
1.00	20.63	7.00	5.83	20.00	4.36
1.50	18.13	8.00	5.23	22.00	4.32
2.00	17.33	9.00	5.09	24.00	4.31
3.00	16.61	10.00	4.89	25.00	4.30
4.00	15.61	12.00	4.66	26.00	4.29
4.[illegible]	14.06	14.00	4.61	28.00	4.29
4.75	10.91	15.00	4.56	30.00	4.29

Lake # 239 — 13 JUN 72 — (Day 164) — Time: 08 45 CDT

Air Temperature: 15.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 18.69 (C)
Epilimnion Temperature: 18.69 (C)
Planer-Thermocline : 3.625 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planer-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.69	6.00	6.61	18.00	4.42
1.00	18.69	7.00	5.69	20.00	4.39
2.00	18.69	8.00	5.23	22.00	4.36
3.00	18.69	9.00	5.00	24.00	4.31
3.25	18.36	10.00	4.89	25.00	4.31
3.50	16.32	11.00	4.80	26.00	4.30
3.75	13.61	12.00	4.71	28.00	4.29
4.00	11.11	14.00	4.59	30.00	4.25
4.50	8.41	15.00	4.51	30.80	4.23
5.00	7.49	16.00	4.50		

Lake # 239 — 6 JUL 7[illegible] — (Day 187) — Time: 13 15 CDT

Air Temperature: 24.5 (C)
Cloud Cover: 7 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 20.82 (C)
Epilimnion Temperature: 20.66 (C)
Planer-Thermocline : 4.75 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planer-Thermo: 6.460 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.82	5.00	11.08	10.00	4.85
1.00	20.66	5.50	8.20	12.00	4.71
2.00	19.95	6.00	6.81	15.00	4.56
3.00	19.34	7.00	5.80	20.00	4.40
4.00	16.79	8.00	5.29	25.00	4.30
4.50	14.31	9.00	5.00	30.00	4.28

Lake # 239 11 JUL 72 (Day 192) Time: 09 00 CDT
Air Temperature: 21.3 (C) Wind: 8 - 16 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.61 (C)
Epilimnion Temperature: 20.61 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Therm: 8.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.61	5.50	9.33	16.00	4.41
1.00	20.61	6.00	7.19	18.00	4.33
2.00	20.60	7.00	5.81	20.00	4.30
3.00	20.56	8.00	5.36	22.00	4.22
3.50	19.30	9.00	5.07	24.00	4.22
4.00	17.36	10.00	4.90	25.00	4.22
4.25	15.92	12.00	4.66	26.00	4.22
4.50	15.20	14.00	4.52	28.00	4.21
4.75	14.46	15.00	4.49	30.00	4.21
5.00	12.27				

Lake # 239 12 SEP 72 (Day 255) Time: 08 45 CDT
Air Temperature: 9.8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.93 (C)
Epilimnion Temperature: 16.97 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Therm: 6.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.93	7.50	9.30	17.00	4.54
1.00	16.97	7.75	8.87	18.00	4.47
2.00	16.90	8.00	8.35	19.00	4.45
3.00	16.99	9.00	6.55	20.00	4.45
4.00	16.99	10.00	5.71	22.00	4.40
5.00	16.90	11.00	5.49	24.00	4.38
5.25	16.39	12.00	5.02	25.00	4.36
5.50	16.24	13.00	5.00	26.00	4.36
5.75	15.05	14.00	4.83	28.00	4.34
6.00	13.71	15.00	4.70	30.00	4.34
7.00	11.91	16.00	4.61	31.90	4.33
7.25	10.83				

Lake # 239 15 AUG 72 (Day 227) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: 16 - 32 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.81 (C)
Epilimnion Temperature: 19.81 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Therm: 8.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.81	6.00	9.23	16.00	4.60
1.00	19.81	6.50	7.75	18.00	4.50
2.00	19.81	7.00	7.20	20.00	4.44
3.00	18.91	8.00	6.36	22.00	4.39
4.00	18.54	9.00	5.69	24.00	4.38
4.50	17.88	10.00	5.35	25.00	4.38
5.00	16.36	12.00	4.88	26.00	4.35
5.25	14.73	14.00	4.73	28.00	4.35
5.50	12.49	15.00	4.65	30.00	4.35
5.75	11.06				

Lake # 239 12 OCT 72 (Day 285) Time: 09 00 CDT
Air Temperature: 1.6 (C) Wind: 16 - 32 KMPH
Cloud Cover: 10 /10 Weather Description: LIGHT RAIN
Secchi Visibility: 3.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.01 (C)
Epilimnion Temperature: 8.01 (C) Epilimnion Depth (1 C/M): 31.1 (M)
Planar-Thermocline : 11.5 (M) Change at Planar-Therm: 0.940 (C/M)

DEP H (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.01	8.00	7.96	18.00	4.20
1.00	8.01	9.00	7.49	20.00	4.10
2.00	8.01	10.00	7.16	22.00	4.05
3.00	8.01	11.00	6.76	24.00	4.05
4.00	8.01	12.00	5.82	26.00	4.00
5.00	8.01	14.00	4.70	28.00	4.00
6.00	8.01	15.00	4.58	30.00	4.00
7.00	8.01	16.00	4.39	31.10	4.00

Lake 0 239 15 NOV 72 (Day 319) Time: 08 15 CST
Air Temperature: -12.2 (C)
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.9 (C)
Epilimnion Temperature: 2.16 (C)
Planar-Thermocline : .25 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 31.5 (M)
Change at Planar-Therm: -.420 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.90	4.00	2.83	20.00	3.46
0.50	2.11	5.00	2.61	25.00	3.58
1.00	2.16	7.00	2.64	30.00	3.68
2.00	2.31	10.00	2.87	31.50	3.75
3.00	2.48	15.00	3.33		

Lake 0 239 22 JAN 73 (Day 22) Time: 09 30 CST
Air Temperature: -6.6 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .21 (C)
Epilimnion Temperature: 1.61 (C)
Planar-Thermocline : .5 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.21	5.00	2.68	20.00	3.20
1.00	1.61	7.00	2.80	25.00	3.25
2.00	2.00	10.00	3.00	30.00	3.38
3.00	2.31	15.00	3.10	31.10	3.42

Lake 0 239 13 DEC 72 (Day 347) Time: 16 00 CST
Air Temperature: -20.5 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.16 (C)
Epilimnion Temperature: 2.29 (C)
Planar-Thermocline : .55 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .55 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	1.16	4.00	2.88	15.00	3.57
1.00	2.29	5.00	2.99	20.00	3.69
2.00	2.59	7.00	3.17	25.00	3.79
3.00	2.72	10.00	3.39	30.00	4.02

Lake 0 239 19 FEB 73 (Day 50) Time: 15 30 CST
Air Temperature: -6.6 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .55 (C)
Epilimnion Temperature: 1.05 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 31.9 (M)
Change at Planar-Therm: -.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.55	4.00	3.02	20.00	3.65
1.00	1.05	5.00	3.16	25.00	3.70
2.00	1.95	10.00	3.50	30.00	3.90
3.00	2.72	15.00	3.60	31.90	3.90

Lake # 239 19 MAR 73 (Day 78) Time: 17 00 CST
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .58 (C)
Epilimnion Temperature: 1.02 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.58	5.00	3.26	10.00	3.54
1.00	1.02	6.00	3.39	15.00	3.61
2.00	2.18	7.00	3.43	20.00	3.64
3.00	2.70	8.00	3.46	25.00	3.73
4.00	3.15	9.00	3.49	30.00	3.89

Lake # 239 9 MAY 73 (Day 129) Time: 08 45 CDT
Air Temperature: 7.2 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 7.7 (C)
Epilimnion Temperature: 7.7 (C)
Planar-Thermocline : 3.5 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 30.5 (M)
Change at Planar-Therm: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.70	7.00	5.88	18.00	4.40
1.00	7.70	8.00	5.58	20.00	4.33
2.00	7.61	9.00	5.12	22.00	4.32
3.00	7.50	10.00	4.90	24.00	4.30
4.00	6.70	12.00	4.78	26.00	4.30
4.50	6.42	14.00	4.70	28.00	4.30
5.00	6.28	15.00	4.63	30.00	4.20
6.00	6.10	16.00	4.50	30.50	4.20

Lake # 239 16 APR 73 (Day 106) Time: 16 00 CST
Air Temperature: -1.1 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .58 (C)
Epilimnion Temperature: 3.8 (C)
Planar-Thermocline : .3 (M)

Wind: 32 - 48 KMPH
Weather Description: SNOWING
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .3 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.60	4.00	3.90	20.00	3.90
0.50	2.60	5.00	3.90	25.00	3.80
1.00	3.80	7.00	3.95	30.00	3.80
2.00	3.90	10.00	3.95	31.20	3.80
3.00	3.90	15.00	3.95		

Lake # 239 11 MAY 73 (Day 131) Time: 09 30 CDT
Air Temperature: 1.6 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 8.15 (C)
Epilimnion Temperature: 8.15 (C)
Planar-Thermocline : 3.125 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Therm: 2.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.15	9.00	5.08	21.00	4.33
1.00	8.15	10.00	4.94	22.00	4.28
2.00	8.15	11.00	4.91	23.00	4.23
3.00	8.15	12.00	4.83	24.00	4.18
3.25	7.52	13.00	4.82	25.00	4.16
3.50	7.26	14.00	4.79	26.00	4.15
3.75	6.68	15.00	4.72	27.00	4.12
4.00	6.50	16.00	4.65	28.00	4.09
5.00	6.34	17.00	4.57	29.00	4.09
6.00	5.65	18.00	4.51	30.00	4.09
7.00	5.41	19.00	4.45	31.00	4.08
8.00	5.18	20.00	4.38	32.00	4.09

Lake # 239 — 23 MAY 73 — (Day 143) — Time: 09 00 CDT

Air Temperature: 10 (C)
Cloud Cover: 6 /10
Secchi Visibility: 3.75 (M)
Inflow Temperature:
Surface Temperature: 13.98 (C)
Epilimnion Temperature: 13.8 (C)
Planar-Thermocline : 2.25 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.98	6.00	8.42	18.00	4.62
1.00	13.80	7.00	7.68	20.00	4.46
2.00	13.68	8.00	6.60	22.00	4.30
2.50	11.88	9.00	6.15	24.00	4.20
3.00	11.08	10.00	5.68	25.00	4.20
3.25	10.32	12.00	5.35	26.00	4.18
3.50	9.98	14.00	5.15	28.00	4.12
3.75	9.75	15.00	4.88	30.00	4.11
4.00	9.68	16.00	4.72	30.20	4.11
5.00	8.91				

Lake # 239 — 20 JUN 73 — (Day 171) — Time: 09 00 CDT

Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 17.01 (C)
Epilimnion Temperature: 17.06 (C)
Planar-Thermocline : 4.625 (M)

Wind: 3 - 8 KMPH
Weather Description: LIGHT RAIN
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.01	5.50	11.54	16.00	5.02
1.00	17.06	5.75	10.44	18.00	4.86
2.00	17.06	6.00	9.72	20.00	4.69
3.00	17.06	7.00	8.44	22.00	4.54
4.00	16.15	8.00	6.71	24.00	4.40
4.25	15.67	9.00	6.30	25.00	4.36
4.50	15.18	10.00	6.02	26.00	4.33
4.75	13.98	12.00	5.40	28.00	4.31
5.00	13.20	14.00	5.32	30.00	4.30
5.25	12.19	15.00	5.12	31.00	4.30

Lake # 239 — 6 JUN 73 — (Day 157) — Time: 09 00 CDT

Air Temperature: 16 (C)
Cloud Cover: 5 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 15.48 (C)
Epilimnion Temperature: 15.4 (C)
Planar-Thermocline : 4.625 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 7.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.48	6.00	8.30	18.00	4.75
1.00	15.40	7.00	7.48	20.00	4.58
2.00	15.38	8.00	6.70	22.00	4.43
3.00	15.35	9.00	6.25	24.00	4.31
4.00	14.80	10.00	5.70	25.00	4.30
4.25	13.50	12.00	5.32	26.00	4.25
4.50	12.80	14.00	5.07	28.00	4.20
4.75	11.05	15.00	5.00	30.00	4.20
5.00	9.78	16.00	4.94	31.50	4.20
5.50	8.85				

Lake # 239 — 4 JUL 73 — (Day 185) — Time: 08 45 CDT

Air Temperature: 15.6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 18.9 (C)
Epilimnion Temperature: 18.9 (C)
Planar-Thermocline : 4.875 (M)

Wind: 16 - 32 KMPH
Weather Description: SHOWERS
Water Color: BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 8.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.90	5.50	11.65	16.00	5.10
1.00	18.90	5.75	10.45	18.00	4.92
2.00	18.95	6.00	9.88	20.00	4.68
3.00	18.95	7.00	7.98	22.00	4.58
4.00	18.95	8.00	6.88	24.00	4.46
4.25	18.62	9.00	6.40	25.00	4.40
4.50	17.92	10.00	6.00	26.00	4.40
4.75	16.72	12.00	5.58	28.00	4.35
5.00	14.50	14.00	5.30	30.00	4.32
5.25	12.70	15.00	5.20	31.10	4.32

Lake # 239 18 JUL 73 (Day 199) Time: 09 00 CDT
Air Temperature: 19.6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.5 (M)
Inflow Temperature:
Surface Temperature: 20.78 (C)
Epilimnion Temperature: 20.78 (C)
Planar-Thermocline : 5.375 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Therm: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.78	5.50	13.70	16.00	5.22
1.00	20.78	5.75	12.75	18.00	4.95
2.00	20.78	6.00	11.70	20.00	4.80
3.00	20.78	7.00	9.00	22.00	4.65
4.00	20.78	8.00	7.65	24.00	4.48
4.25	20.48	9.00	6.85	25.00	4.45
4.50	19.40	10.00	6.48	26.00	4.44
4.75	17.95	12.00	5.85	28.00	4.38
5.00	16.72	14.00	5.52	30.00	4.38
5.25	15.50	15.00	5.28	31.00	4.38

Lake # 239 15 AUG 73 (Day 227) Time: 08 45 CDT
Air Temperature: 19 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 21.32 (C)
Epilimnion Temperature: 21.39 (C)
Planar-Thermocline : 6.375 (M)
Wind: 6 - 10 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Therm: 5.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.32	6.25	12.55	16.00	5.29
1.00	21.39	6.50	11.10	18.00	5.00
2.00	20.88	6.75	10.36	20.00	4.77
3.00	20.73	7.00	9.70	22.00	4.62
4.00	19.84	8.00	7.73	24.00	4.51
4.50	18.38	9.00	7.05	25.00	4.47
5.00	17.68	10.00	6.58	26.00	4.44
5.25	16.59	12.00	5.91	28.00	4.41
5.50	15.71	14.00	5.61	30.00	4.40
5.75	14.59	15.00	5.47	31.20	4.40
6.00	13.59				

Lake # 239 1 AUG 73 (Day 213) Time: 09 00 CDT
Air Temperature: 22 (C)
Cloud Cover: 6 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 19.68 (C)
Planar-Thermocline : 5.625 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Therm: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	6.50	10.55	18.00	4.98
1.00	19.48	7.00	9.20	20.00	4.85
2.00	19.48	8.00	8.15	22.00	4.70
3.00	19.12	9.00	6.85	24.00	4.58
4.00	18.95	10.00	6.50	25.00	4.52
5.00	17.82	12.00	5.85	26.00	4.38
5.25	16.85	14.00	5.45	28.00	4.38
5.50	15.70	15.00	5.30	30.00	4.30
5.75	13.90	16.00	5.20	31.10	4.22
6.00	12.80				

Lake # 239 29 AUG 73 (Day 241) Time: 09 00 CDT
Air Temperature: 22 (C)
Cloud Cover: 2 /10
Secchi Visibility: 4.9 (M)
Inflow Temperature:
Surface Temperature: 22.83 (C)
Epilimnion Temperature: 22.79 (C)
Planar-Thermocline : 5.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Therm: 4.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.83	8.00	7.51	20.00	4.89
1.00	22.79	9.00	6.91	22.00	4.70
2.00	22.76	10.00	6.58	24.00	4.60
3.00	22.08	12.00	6.10	25.00	4.56
4.00	20.94	14.00	5.72	26.00	4.49
5.00	17.46	15.00	5.54	28.00	4.48
6.00	13.39	16.00	5.32	30.00	4.46
7.00	9.67	18.00	4.99	31.00	4.42

Lake 8 239 12 SEP 73 (Day 255) Time: 08 50 CDT
Air Temperature: 15.9 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 17.22 (C)
Epilimnion Temperature: 17.2 (C)
Planar-Thermocline : 6.125 (M)
Wind: -
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Therm: 8.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.22	6.75	11.42	18.00	5.08
1.00	17.20	7.00	10.38	20.00	4.88
2.00	17.20	8.00	8.38	22.00	4.70
3.00	17.20	9.00	7.20	24.00	4.58
4.00	17.18	10.00	6.65	25.00	4.54
5.00	17.18	12.00	6.06	26.00	4.52
6.00	16.18	14.00	5.66	28.00	4.50
6.25	14.05	15.00	5.58	30.00	4.48
6.50	12.50	16.00	5.35	31.40	4.48

Lake 8 239 10 OCT 73 (Day 283) Time: 09 00 CDT
Air Temperature: 14.7 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 13.07 (C)
Epilimnion Temperature: 13.07 (C)
Planar-Thermocline : 9.375 (M)
Wind: 0 - 3 KMPH
Weather Description: RAINING
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.5 (M)
Change at Planar-Therm: 3.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.07	8.75	9.67	15.00	5.47
1.00	13.07	9.00	9.03	16.00	5.31
2.00	13.07	9.25	8.43	18.00	4.95
3.00	13.07	9.50	7.54	20.00	4.70
4.00	12.85	9.75	7.30	22.00	4.63
5.00	12.69	10.00	6.91	24.00	4.56
6.00	12.55	10.50	6.70	25.00	4.54
7.00	12.19	11.00	6.57	26.00	4.50
8.00	11.07	12.00	6.37	28.00	4.48
8.25	10.57	13.00	5.89	30.00	4.47
8.50	10.20	14.00	5.71	31.00	4.47

Lake 8 239 26 SEP 73 (Day 269) Time: 08 45 CDT
Air Temperature: 11.1 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 12.33 (C)
Epilimnion Temperature: 12.31 (C)
Planar-Thermocline : 8.625 (M)
Wind: -
Weather Description:
Water Color: BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.5 (M)
Change at Planar-Therm: 3.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.33	8.25	9.47	18.00	4.97
1.00	12.31	8.50	9.10	20.00	4.82
2.00	12.31	8.75	8.17	22.00	4.54
3.00	12.31	9.00	7.47	24.00	4.49
4.00	12.32	10.00	6.70	26.00	4.47
5.00	12.31	11.00	6.37	28.00	4.43
6.00	12.30	12.00	6.09	30.00	4.42
7.00	11.93	14.00	5.61	31.10	4.41
8.00	10.37	16.00	5.27		

Lake 8 239 17 OCT 73 (Day 290) Time: 10 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.2 (C)
Epilimnion Temperature: 9.19 (C)
Planar-Thermocline : 10.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 10.5 (M)
Change at Planar-Therm: 1.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.20	7.00	9.19	13.00	5.93
1.00	9.19	8.00	9.19	14.00	5.60
2.00	9.18	9.00	9.19	15.00	5.54
3.00	9.18	10.00	8.97	20.00	4.44
4.00	9.18	11.00	7.67	25.00	4.21
5.00	9.19	12.00	6.70	30.00	4.11
6.00	9.19				

Lake # 239 24 OCT 73 (Day 297) Time: 09 05 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.25 (M)
Inflow Temperature:
Surface Temperature: 9.09 (C)
Epilimnion Temperature: 9.09 (C)
Planar-Thermocline : 12.25 (M)

Wind: 16 - 32 KMPH
Weather Description: DRIZZLE
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 11.25 (M)
Change at Planar-Therm: 2.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.09	10.00	8.65	18.00	5.15
1.00	9.09	11.00	8.47	20.00	4.85
2.00	9.07	11.50	7.97	22.00	4.67
3.00	9.07	12.00	7.67	24.00	4.52
4.00	9.07	12.50	6.32	25.00	4.52
5.00	9.04	13.00	6.02	26.00	4.49
6.00	9.02	14.00	5.77	28.00	4.47
7.00	9.02	15.00	5.59	30.00	4.47
8.00	9.02	16.00	5.37	31.50	4.47
9.00	8.82				

Lake # 239 17 DEC 73 (Day 351) Time: 16 45 CST
Air Temperature: -17.7 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .55 (C)
Epilimnion Temperature: 1.49 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 30.5 (M)
Change at Planar-Therm: -.940 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.55	9.00	2.70	20.00	3.40
1.00	1.49	10.00	2.82	22.00	3.49
2.00	1.80	11.00	2.95	24.00	3.50
3.00	2.05	12.00	3.00	25.00	3.50
4.00	2.10	14.00	3.10	26.00	3.51
5.00	2.20	15.00	3.20	28.00	3.55
6.00	2.30	16.00	3.30	30.00	3.58
7.00	2.40	18.00	3.35	30.50	3.60
8.00	2.50				

Lake # 239 7 NOV 73 (Day 311) Time: 10 00 CST
Air Temperature: -3 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 4.99 (C)
Epilimnion Temperature: 4.99 (C)
Planar-Thermocline : 29 (M)

Wind: 5 - 8 KMPH
Weather Description: SNOWING
Water Color:
Outflow Temperature: 1 (C)

Epilimnion Depth (1 C/M): 31.3 (M)
Change at Planar-Therm: 0.090 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.99	10.00	4.97	24.00	4.79
1.00	4.99	12.00	4.97	25.00	4.77
2.00	4.99	14.00	4.97	26.00	4.75
4.00	4.99	16.00	4.96	28.00	4.69
6.00	4.99	18.00	4.95	30.00	4.51
8.00	4.99	20.00	4.95	31.30	4.49
9.00	4.99	22.00	4.81		

Lake # 239 21 JAN 74 (Day 21) Time: 16 00 CST
Air Temperature: -6.6 (C)
Cloud Cover: 5 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 1.05 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 31.5 (M)
Change at Planar-Therm: -.550 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.50	8.00	2.90	20.00	3.65
1.00	1.05	9.00	3.01	22.00	3.70
2.00	1.50	10.00	3.15	24.00	3.75
3.00	2.05	12.00	3.32	25.00	3.78
4.00	2.10	14.00	3.40	26.00	3.80
5.00	2.30	15.00	3.50	28.00	3.82
6.00	2.60	16.00	3.55	30.00	3.90
7.00	2.78	18.00	3.62	31.50	3.98

Lake # 239 25 FEB 74 (Day 56) Time: 08 30 CST
Air Temperature: -17.7 (C)
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .35 (C)
Epilimnion Temperature: .85 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 30.9 (M)
Change at Planar-Thermo: -.750 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.35	8.00	3.02	20.00	3.70
1.00	0.85	9.00	3.15	22.00	3.76
2.00	1.60	10.00	3.30	24.00	3.80
3.00	2.25	12.00	3.45	25.00	3.81
4.00	2.55	14.00	3.58	26.00	3.90
5.00	2.70	15.00	3.60	28.00	3.96
6.00	2.82	16.00	3.62	30.00	4.00
7.00	2.93	18.00	3.68	30.90	4.02

Lake # 239 7 MAY 74 (Day 127) Time: 09 00 CST
Air Temperature: 1.6 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 3.2 (C)
Epilimnion Temperature: 4.27 (C)
Planar-Thermocline : .5 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.20	13.00	3.92	24.00	3.60
1.00	4.27	15.00	3.92	25.00	3.67
2.00	4.21	17.00	3.92	26.00	3.68
3.00	4.00	18.00	3.90	27.00	3.72
4.00	3.92	19.00	3.90	28.00	3.77
5.00	3.92	20.00	3.90	29.00	3.73
7.00	3.92	21.00	3.76	30.00	3.77
9.00	3.92	22.00	3.67	31.00	3.88
11.00	3.92	23.00	3.62	31.70	3.87

Lake # 239 1 APR 74 (Day 91) Time: 11 30 CST
Air Temperature: -17.7 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .35 (C)
Epilimnion Temperature: .6 (C)
Planar-Thermocline : 1.5 (M)

Wind: 3 - 8 KMPH
Weather Description: SNOWING
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.25	8.00	3.10	20.00	3.62
1.00	0.60	9.00	3.18	22.00	3.68
2.00	1.64	10.00	3.24	24.00	3.68
3.00	2.30	12.00	3.40	25.00	3.70
4.00	2.55	14.00	3.50	26.00	3.72
5.00	2.70	15.00	3.58	28.00	3.80
6.00	2.82	16.00	3.60	30.00	3.90
7.00	2.94	18.00	3.60		

Lake # 239 30 MAY 74 (Day 150) Time: 09 00 CST
Air Temperature: 15.5 (C)
Cloud Cover: 8 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 14.6 (C)
Epilimnion Temperature: 14.61 (C)
Planar-Thermocline : 3.125 (M)

Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.60	5.00	7.00	16.00	4.81
1.00	14.61	6.00	6.30	18.00	4.72
2.00	14.50	7.00	5.51	20.00	4.66
2.50	13.50	8.00	5.45	22.00	4.60
3.00	11.45	9.00	5.30	24.00	4.55
3.25	10.35	10.00	5.10	25.00	4.53
3.50	9.61	12.00	5.01	26.00	4.51
3.75	9.38	14.00	4.93	28.00	4.50
4.00	9.08	15.00	4.85	30.00	4.48
4.50	7.70				

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Lake # 239 28 JUN 74 (Day 179) Time: 14 00 CDT
Air Temperature: 21.1 (C)
Cloud Cover: 4 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 22.25 (C)
Epilimnion Temperature: 22.01 (C)
Planar-Thermocline : 3.375 (M)

Wind: 16 - 24 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 21.45 (C)

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 9.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.25	4.00	14.59	8.00	6.09
1.00	22.01	4.25	13.91	9.00	5.45
2.00	21.95	4.50	11.81	10.00	5.30
3.00	21.28	4.75	11.32	15.00	4.82
3.25	19.64	5.00	10.45	20.00	4.68
3.50	17.21	6.00	6.90	25.00	4.51
3.75	16.41	7.00	6.09	30.00	4.47

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Lake # 239 16 JUL 74 (Day 197) Time:
Air Temperature: 28.8 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 23.95 (C)
Epilimnion Temperature: 23.88 (C)
Planar-Thermocline : 4.125 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: 9.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.95	5.00	11.05	14.00	4.69
1.00	23.88	5.50	9.65	16.00	4.66
2.00	23.68	6.00	7.55	18.00	4.57
3.00	23.42	6.50	6.52	20.00	4.51
3.50	22.31	7.00	6.10	22.00	4.41
4.00	17.80	8.00	5.74	24.00	4.37
4.25	15.42	9.00	5.40	26.00	4.36
4.50	13.72	10.00	5.23	28.00	4.34
4.75	12.31	12.00	4.80	30.00	4.31

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Lake # 239 9 JUL 74 (Day 190) Time:
Air Temperature:
Cloud Cover:
Secchi Visibili .v:
Inflow Temperature:
Surface Temperature: 23.95 (C)
Epilimnion Temperature: 23.9 (C)
Planar-Thermocline : 4.625 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.95	5.00	10.40	16.00	4.60
1.00	23.90	5.25	9.10	18.00	4.52
2.00	23.75	5.50	8.45	20.00	4.48
2.50	22.35	6.00	7.95	22.00	4.45
3.00	21.80	7.00	6.10	24.00	4.39
3.50	20.65	8.00	5.65	26.00	4.32
4.00	17.10	10.00	5.25	26.00	4.32
4.50	13.90	12.00	4.80	29.00	4.32
4.75	11.80	14.00	4.70		

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Lake # 239 25 JUL 74 (Day 206) Time: 09 00 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 23.16 (C)
Epilimnion Temperature: 23.15 (C)
Planar-Thermocline : 4.125 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.75 (M)
Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.16	5.50	9.91	18.00	4.42
1.00	23.15	6.00	8.45	20.00	4.39
2.00	23.12	7.00	6.75	22.00	4.32
3.00	23.11	8.00	6.00	24.00	4.28
3.50	22.80	9.00	5.51	25.00	4.27
4.00	19.05	10.00	4.95	26.00	4.25
4.25	16.65	12.00	4.78	28.00	4.24
4.50	15.39	14.00	4.63	30.00	4.23
4.75	13.02	15.00	4.59	30.80	4.23
5.00	11.65	16.00	4.52		

Lake # 239 2 AUG 74 (Day 214) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 19.08 (C)
Epilimnion Temperature: 19.08 (C)
Planar-Thermocline : 4.625 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.08	5.50	9.90	14.00	4.55
1.00	19.08	5.75	9.29	16.00	4.40
2.00	19.08	6.00	7.97	18.00	4.37
3.00	19.08	6.50	7.40	20.00	4.31
4.00	19.08	7.00	6.69	22.00	4.28
4.50	17.81	8.00	5.98	24.00	4.21
4.75	14.15	9.00	5.61	26.00	4.21
5.00	13.60	10.00	5.36	28.00	4.20
5.25	12.80	12.00	4.58		

Lake # 239 20 AUG 74 (Day 232) Time:
Air Temperature: 13.9 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 18.65 (C)
Epilimnion Temperature: 18.7 (C)
Planar-Thermocline : 5.625 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.875 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.65	5.75	12.55	12.00	4.02
1.00	18.70	6.00	11.65	14.00	4.90
2.00	18.70	6.50	9.00	16.00	4.80
3.00	18.70	7.00	7.45	18.00	4.70
4.00	18.70	7.50	6.80	20.00	4.62
4.50	18.65	8.00	6.42	22.00	4.55
4.75	18.50	8.50	6.10	24.00	4.52
5.00	17.80	9.00	5.85	26.00	4.50
5.25	16.90	9.50	5.75	28.00	4.50
5.50	15.45	10.00	5.32		

Lake # 239 8 AUG 74 (Day 220) Time:
Air Temperature: 30 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 22.3 (C)
Epilimnion Temperature: 22.3 (C)
Planar-Thermocline : 5.875 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: 7.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.30	5.25	13.10	12.00	5.00
1.00	22.30	5.50	12.10	14.00	4.87
2.00	22.23	5.75	10.95	16.00	4.76
3.00	22.15	6.00	9.02	18.00	4.65
3.50	19.85	6.50	7.43	20.00	4.56
4.00	18.60	7.00	6.68	22.00	4.50
4.50	17.30	8.00	5.85	24.00	4.49
4.75	16.20	9.00	5.55	26.00	4.48
5.00	14.58	10.00	5.30	28.00	4.48

Lake # 239 22 AUG 74 (Day 234) Time: 07 30 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 19.75 (C)
Epilimnion Temperature: 19.7 (C)
Planar-Thermocline : 5.125 (M)

Wind: -
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.75	5.75	11.70	16.00	4.82
1.00	19.70	6.00	10.05	18.00	4.78
2.00	19.65	6.50	9.10	20.00	4.70
3.00	19.53	7.00	7.80	22.00	4.58
4.00	19.48	8.00	6.52	24.00	4.52
4.50	18.45	10.00	5.68	26.00	4.51
5.00	18.00	12.00	5.30	28.00	4.50
5.25	14.70	14.00	4.98	30.00	4.49
5.50	12.42	15.00	4.90	31.00	4.48

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Lake # 239 19 SEP 74 (Day 262) Time: 08 30 CDT
Air Temperature: 9.9 (C) Wind: 8 - 16 KMPH
Cloud Cover: 1 /10 Weather Description: CLEAR
Secchi Visibility: 3.6 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.6 (C)
Epilimnion Temperature: 12.6 (C) Epilimnion Depth (1 C/M): 7.25 (M)
Planar-Thermocline : 7.25 (M) Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.60	8.00	8.10	18.00	4.70
1.00	12.60	8.50	6.50	20.00	4.68
2.00	12.60	9.00	6.15	22.00	4.60
3.00	12.60	10.00	5.70	24.00	4.58
4.00	12.60	12.00	5.40	26.00	4.55
5.00	12.60	14.00	5.00	28.00	4.50
6.00	12.58	15.00	4.96	30.00	4.50
7.00	12.08	16.00	4.86	30.90	4.50
7.50	9.38				

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Lake # 239 19 MAY 75 (Day 139) Time: 09 00 CDT
Air Temperature: 15 (C) Wind: 8 - 16 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.4 (C)
Epilimnion Temperature: 13.39 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.40	4.50	10.39	10.00	5.00
1.00	13.39	5.00	8.72	15.00	4.70
2.00	13.38	5.50	7.31	20.00	4.63
3.00	13.32	6.00	6.67	25.00	4.26
3.50	13.19	7.00	5.86	30.00	4.26
3.75	12.89	8.00	5.53	30.50	4.26
4.00	10.29	9.00	5.28		

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Lake # 239 17 OCT 74 (Day 290) Time: 08 20 CDT
Air Temperature: 1.7 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.4 (C)
Epilimnion Temperature: 6.58 (C) Epilimnion Depth (1 C/M): 17.5 (M)
Planar-Thermocline : 17.5 (M) Change at Planar-Thermo: 1.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.40	13.00	6.60	22.00	4.50
1.00	6.58	15.00	6.60	23.00	4.50
2.00	6.60	16.00	6.32	24.00	4.50
3.00	6.60	17.00	5.82	25.00	4.48
5.00	6.60	18.00	4.80	26.00	4.48
7.00	6.60	19.00	4,70	28.00	4.48
9.00	6.60	20.00	4.60	30.00	4.46
11.00	6.60	21.00	4.52	31.00	4.46

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Lake # 239 16 JUN 75 (Day 167) Time: 08 30 CDT
Air Temperature: 15 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.18 (C)
Epilimnion Temperature: 17.17 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.18	4.25	13.35	8.00	5.69
1.00	17.17	4.50	12.09	10.00	4.87
2.00	17.07	4.75	10.95	15.00	4.51
3.00	17.00	5.00	10.23	20.00	4.31
3.50	16.21	5.50	9.69	25.00	4.26
3.75	15.68	6.00	8.12	30.00	4.31
4.00	15.07	7.00	6.83		

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Lake # 239 14 JUL 75 (Day 195) Time: 08 30 CDT
Air Temperature: 23 (C) Wind: -
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.49 (C)
Epilimnion Temperature: 20.49 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.75 (M) Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.49	6.00	8.69	18.00	4.45
1.00	20.49	7.00	6.80	20.00	4.35
2.00	20.47	8.00	5.94	22.00	4.22
3.00	20.20	9.00	5.56	24.00	4.20
4.00	19.85	10.00	5.34	26.00	4.19
4.50	16.51	12.00	4.94	28.00	4.18
5.00	12.79	14.00	4.75	30.00	4.18
5.50	10.10	16.00	4.56	30.70	4.19

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Lake # 239 11 AUG 75 (Day 223) Time: 08 30 CDT
Air Temperature: 18.2 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description: WIND VARIES
Secchi Visibility: 2.8 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.42 (C)
Epilimnion Temperature: 20.42 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.42	5.75	10.82	12.00	4.97
1.00	20.42	6.00	9.10	15.00	4.70
2.00	20.47	6.50	8.88	16.00	4.65
3.00	20.51	7.00	7.53	18.00	4.55
4.00	20.51	8.00	5.80	20.00	4.40
5.00	19.82	9.00	5.53	22.00	4.29
5.25	17.39	10.00	5.37	25.00	4.28
5.50	14.10				

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Lake # 239 8 SEP 75 (Day 251) Time: 08 30 CDT
Air Temperature: 14.8 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.65 (C)
Epilimnion Temperature: 15.65 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.65	6.00	15.45	9.00	6.29
1.00	15.65	6.25	13.46	10.00	5.75
2.00	15.65	6.50	12.76	15.00	4.87
3.00	15.65	6.75	10.23	20.00	4.36
4.00	15.65	7.00	8.53	25.00	4.26
5.00	15.65	8.00	7.64	30.00	4.26

****

Lake # 239 6 OCT 75 (Day 279) Time: 08 40 CDT
Air Temperature: 8.2 (C) Wind: 0 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.27 (C)
Epilimnion Temperature: 11.27 (C) Epilimnion Depth (1 C/M): 8.25 (M)
Planar-Thermocline : 8.25 (M) Change at Planar-Thermo: 3.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.27	8.00	11.02	18.00	4.34
1.00	11.27	8.50	9.12	20.00	4.30
2.00	11.27	9.00	7.26	22.00	4.28
3.00	11.27	10.00	6.31	24.00	4.28
4.00	11.27	12.00	5.25	26.00	4.28
5.00	11.27	14.00	4.87	28.00	4.28
6.00	11.27	16.00	4.67	29.50	4.26
7.00	11.27				

Lake # 239 3 NOV 75 (Day 307) Time: 08 45 CST
Air Temperature: 8 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 6.4 (C)
Epilimnion Temperature: 6.4 (C)
Planar-Thermocline : 16.25 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 29.7 (M)
Change at Planar-Thermo: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.40	12.00	6.40	20.00	4.33
1.00	6.40	14.00	6.40	22.00	4.27
2.00	6.40	15.00	6.40	24.00	4.22
4.00	6.40	16.00	6.33	26.00	4.18
6.00	6.40	16.50	5.88	28.00	4.16
8.00	6.40	17.00	5.66	29.70	4.16
10.00	6.40	18.00	4.87		

Lake # 239 16 JUN 76 (Day 167) Time: 09 00 CDT
Air Temperature: 10.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 18.68 (C)
Epilimnion Temperature: 18.75 (C)
Planar-Thermocline : 4.125 (M)
Wind: 16 - 24 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.68	5.50	10.27	16.00	5.64
1.00	18.75	5.75	9.92	18.00	5.31
2.00	18.79	6.00	9.12	20.00	5.10
3.00	18.77	6.50	8.51	22.00	4.93
4.00	18.53	7.00	8.23	24.00	4.76
4.25	15.27	8.00	7.35	26.00	4.64
4.50	13.40	9.00	6.83	28.00	4.60
4.75	12.52	10.00	6.52	30.00	4.58
5.00	11.67	12.00	6.24	31.00	4.58
5.25	10.79	14.00	5.93		

Lake # 239 19 MAY 76 (Day 139) Time: 07 30 CDT
Air Temperature: 3 (C)
Cloud Cover:
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 11.06 (C)
Epilimnion Temperature: 11.06 (C)
Planar-Thermocline : 4.75 (M)
Wind: -
Weather Description:HAZE
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: 1.580 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.06	6.00	7.93	18.00	5.34
1.00	11.06	7.00	7.11	20.00	5.15
2.00	11.04	8.00	6.81	22.00	4.92
3.00	11.01	9.00	6.61	24.00	4.76
4.00	10.41	10.00	6.51	26.00	4.56
4.50	9.89	12.00	6.26	28.00	4.51
5.00	9.10	14.00	6.06	30.00	4.44
5.50	8.56	16.00	5.59	30.20	4.39

Lake # 239 14 JUL 76 (Day 195) Time: 08 30 CDT
Air Temperature: 17 (C)
Cloud Cover: 8 /10
Secchi Visibility: 4.25 (M)
Inflow Temperature:
Surface Temperature: 21.84 (C)
Epilimnion Temperature: 21.9 (C)
Planar-Thermocline : 4.375 (M)
Wind: 16 - 24 KMPH
Weather Description:
Water Color: ORANGE-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 9.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0 00	21.84	5.50	13.46	16.00	5.73
1.00	21.90	5.75	12.42	18.00	5.45
2.00	21.92	6.00	11.51	20.00	5.11
3.00	21.92	6.50	9.62	22.00	4.96
4.00	21.59	7.00	8.93	24.00	4.78
4.25	19.81	8.00	7.52	26.00	4.65
4.50	17.37	10.00	6.60	28.00	4.64
4.75	16.44	12.00	6.22	30.00	4.63
5.00	15.55	14.00	6.02	30.25	4.63
5.25	14.78				

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Lake # 239 11 AUG 76 (Day 223) Time: 08 30 CDT
Air Temperature: 21.42 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.7 (M)
Inflow Temperature:
Surface Temperature: 20.86 (C)
Epilimnion Temperature: 20.88 (C)
Planar-Thermocline : 5.875 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: BROWN -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.875 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.86	6.00	13.44	11.00	6.47
1.00	20.88	6.25	11.39	13.00	6.09
2.00	20.86	6.50	10.82	15.00	5.81
3.00	20.86	6.75	10.12	17.00	5.58
4.00	20.86	7.00	9.08	19.00	5.30
4.25	20.84	7.25	8.68	21.00	4.97
4.50	20.84	7.50	8.57	23.00	4.82
4.75	20.66	7.75	8.14	25.00	4.69
5.00	19.72	8.00	7.76	27.00	4.68
5.25	18.41	9.00	7.00	29.00	4.66
5.50	17.38	10.00	6.62	29.25	4.66
5.75	16.34				

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Lake # 239 6 OCT 76 (Day 279) Time: 08 30 CDT
Air Temperature: 1.8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 11.61 (C)
Epilimnion Temperature: 11.7 (C)
Planar-Thermocline : 8.375 (M)

Wind: -
Weather Description: LIGHT SNOW
Water Color: BROWN -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 8.375 (M)
Change at Planar-Thermo: 6.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.61	8.50	10.34	14.00	6.16
1.00	11.70	8.75	9.23	16.00	5.86
2.00	11.75	9.00	8.88	18.00	5.55
3.00	11.75	9.25	7.94	20.00	5.40
4.00	11.75	9.50	7.58	22.00	5.16
5.00	11.75	9.75	7.45	24.00	4.98
6.00	11.75	10.00	7.23	26.00	4.93
7.00	11.75	10.50	6.95	28.00	4.88
8.00	11.70	11.00	6.71	29.50	4.85
8.25	11.85	12.00	6.58		

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Lake # 239 8 SEP 76 (Day 251) Time: 08 30 CDT
Air Temperature: 23.1 (C)
Cloud Cover: 5 /10
Secchi Visibility: 3.6 (M) .
Inflow Temperature:
Surface Temperature: 18.36 (C)
Epilimnion Temperature: 18.26 (C)
Planar-Thermocline : 6.625 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: BROWN -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: 7.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.36	6.75	12.72	12.00	6.54
1.00	18.26	7.00	11.11	14.00	6.26
2.00	18.25	7.25	10.29	16.00	5.87
3.00	17.79	7.50	9.55	18.00	5.56
4.00	17.35	7.75	9.24	20.00	5.37
4.50	17.31	8.00	8.85	22.00	5.16
5.00	17.23	8.25	8.14	24.00	4.97
5.50	17.08	8.50	7.90	26.00	4.89
6.00	16.98	8.75	7.69	28.00	4.87
6.25	15.67	9.00	7.39	29.70	4.87
6.50	14.66	10.00	6.91		

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Lake # 239 17 MAY 77 (Day 137) Time: 08 55 CDT
Air Temperature: 23.8 (C)
Cloud Cover: 7 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 18.29 (C)
Epilimnion Temperature: 18.27 (C)
Planar-Thermocline : 2.375 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.75 (M)
Change at Planar-Thermo: 6.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.29	4.25	9.43	9.00	6.45
0.50	18.33	4.50	9.02	10.00	6.33
1.00	18.27	4.75	8.83	12.00	6.13
1.50	18.25	5.00	8.54	14.00	5.40
2.00	17.61	5.25	8.38	16.00	5.22
2.25	16.06	5.50	8.27	18.00	4.91
2.50	14.44	5.75	8.03	20.00	4.76
2.75	13.80	6.00	7.78	22.00	4.66
3.00	13.34	6.25	7.59	24.00	4.62
3.25	12.79	6.50	7.44	26.00	4.54
3.50	12.04	6.75	7.16	28.00	4.51
3.75	11.20	7.00	7.04	30.00	4.47
4.00	10.02	8.00	6.87	32.00	4.49

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Lake # 239 14 JUN 77 (Day 165) Time: 11 05 CDT
Air Temperature: 13.08 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.15 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 17.01 (C)
Surface Temperature: 17.07 (C)
Epilimnion Temperature: 17.14 (C) Epilimnion Depth (1 C/M): 3.75 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.07	5.00	9.56	10.00	5.85
1.00	17.14	5.25	9.07	12.00	5.56
2.00	17.20	5.50	8.64	14.00	5.32
3.00	17.21	5.75	8.42	16.00	4.95
3.50	17.17	6.00	8.12	18.00	4.80
4.00	15.70	6.50	7.64	21.00	4.57
4.25	13.97	7.00	7.26	24.00	4.43
4.50	12.70	8.00	6.55	27.00	4.36
4.75	10.80	9.00	6.10	30.00	4.34

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Lake # 239 12 JUL 77 (Day 193) Time: 08 00 CDT
Air Temperature: 16.15 (C) Wind: 5 - 6 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 19.28 (C)
Surface Temperature: 19.8 (C)
Epilimnion Temperature: 19.9 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 8.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.80	5.25	10.78	10.00	5.56
1.00	19.90	5.50	9.85	11.00	5.42
2.00	19.93	6.00	8.69	13.00	4.92
3.00	19.93	6.50	7.85	15.00	4.74
3.50	19.28	7.00	7.16	18.00	4.45
4.00	18.07	7.50	6.58	21.00	4.25
4.25	16.50	8.00	6.23	25.00	4.15
4.50	15.73	8.50	6.04	29.00	4.13
4.75	13.57	9.00	5.85	30.00	4.12
5.00	11.61	9.50	5.66		

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Lake # 239 9 AUG 77 (Day 221) Time: 10 40 CDT
Air Temperature: 16.5 (C) Wind: 11 - 13 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 4.55 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature: 20 (C)
Surface Temperature: 19.98 (C)
Epilimnion Temperature: 19.98 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.98	6.00	11.17	10.00	6.11
1.00	19.98	6.25	9.62	11.00	5.82
2.00	19.93	6.50	8.92	12.00	5.67
3.00	19.90	6.75	8.44	14.00	5.60
4.00	19.85	7.00	8.23	16.00	5.05
4.50	19.78	7.50	7.21	19.00	4.86
5.00	17.89	8.00	6.90	22.00	4.57
5.25	13.50	8.50	6.64	26.00	4.49
5.50	13.09	9.00	6.33	32.00	4.50
5.75	11.48	9.50	6.28		

****

Lake # 239 6 SEP 77 (Day 249) Time: 09 10 CDT
Air Temperature: 8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.43 (C)
Epilimnion Temperature: 15.45 (C) Epilimnion Depth (1 C/M): 5.75 (M)
Planar-Thermocline : 6.75 (M) Change at Planar-Thermo: 6.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.43	7.00	9.83	18.00	5.16
1.00	15.45	7.50	8.32	20.00	5.01
2.00	15.45	8.00	7.58	22.00	4.78
3.00	15.45	9.00	6.70	24.00	4.73
4.00	15.45	10.00	6.37	25.00	4.68
5.00	15.45	12.00	5.94	26.00	4.63
5.50	15.41	14.00	5.61	28.00	4.62
6.00	14.55	15.00	5.46	30.00	4.60
6.50	12.84	16.00	5.36	31.00	4.60

****

Lake # 239 4 OCT 77 (Day 277) Time: 07 50 CDT
Air Temperature: 12.3 (C) Wind: 0 - 8 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 11.45 (C)
Surface Temperature: 11.89 (C)
Epilimnion Temperature: 11.94 (C) Epilimnion Depth (1 C/M): 7.625 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 5.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.89	8.50	7.60	14.00	5.24
1.00	11.94	8.75	7.28	15.00	5.09
2.00	11.94	9.00	6.75	16.00	4.91
3.00	11.94	9.25	6.49	17.00	4.82
4.00	11.92	9.50	6.36	19.00	4.59
5.00	11.82	9.75	6.22	21.00	4.50
6.00	11.68	10.00	6.06	23.00	4.41
7.00	11.62	10.25	5.98	25.00	4.37
7.50	11.43	11.00	5.74	27.00	4.35
7.75	11.12	12.00	5.56	29.00	4.31
8.00	9.71	13.00	5.42	30.00	4.32
8.25	8.60				

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Lake # 239 23 MAY 78 (Day 143) Time: 08 10 CDT
Air Temperature: 19.48 (C) Wind: 8 - 11 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.69 (C)
Epilimnion Temperature: 14.68 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 6.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.69	4.00	7.81	15.00	4.36
1.00	14.68	4.25	6.78	17.00	4.24
2.00	14.61	4.50	6.37	19.00	4.20
2.25	13.99	4.75	6.27	21.00	4.15
2.50	13.40	5.00	6.14	23.00	4.10
2.75	12.65	6.00	5.71	25.00	4.09
3.00	11.73	7.00	5.34	27.00	4.06
3.25	10.09	9.00	4.97	29.00	4.00
3.50	9.06	11.00	4.59	31.10	4.00
3.75	8.32	13.00	4.46		

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Lake # 239 20 JUN 78 (Day 171) Time: 08 00 CDT
Air Temperature: 15.35 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.36 (C)
Epilimnion Temperature: 16.38 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.36	5.00	9.62	8.00	5.66
1.00	16.38	5.25	9.10	9.00	5.51
2.00	16.38	5.50	8.41	10.00	5.16
3.00	16.38	5.75	7.30	13.00	4.52
4.00	15.64	6.00	6.96	16.00	4.27
4.25	15.25	6.50	6.86	20.00	4.17
4.50	12.67	7.00	6.00	25.00	4.00
4.75	11.63	7.50	5.80	29.00	4.00

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Lake # 239 18 JUL 78 (Day 199) Time: 08 05 CDT
Air Temperature: 19.6 (C) Wind: 11 - 16 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 4.9 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.52 (C)
Epilimnion Temperature: 21.52 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.52	5.00	13.01	10.00	5.24
1.00	21.52	5.25	12.69	11.00	5.16
2.00	21.52	5.50	11.88	12.00	4.98
2.75	20.19	5.75	10.49	13.00	4.73
3.00	20.12	6.00	9.99	14.00	4.64
3.25	19.63	6.25	8.05	15.00	4.42
3.50	19.49	6.50	7.57	16.00	4.25
3.75	19.10	7.00	6.87	20.00	4.05
4.00	19.71	7.25	6.05	24.00	4.00
4.25	19.61	7.50	5.80	28.00	4.00
4.50	16.21	8.00	5.53	31.00	4.00
4.75	13.92				

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Lake # 239 15 AUG 78 (Day 227) Time: 07 55 CDT
Air Temperature: 18.11 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.13 (C)
Epilimnion Temperature: 21.16 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.13	5.25	17.23	8.00	6.08
1.00	21.16	5.50	15.61	9.00	5.71
2.00	21.16	5.75	12.67	12.00	5.20
3.00	21.15	6.00	11.64	13.00	4.98
3.50	20.81	6.25	9.99	14.00	4.59
3.75	20.41	6.50	8.65	16.00	4.44
4.00	20.07	6.75	7.37	18.00	4.32
4.25	19.94	7.00	6.85	22.00	4.08
4.50	19.56	7.25	6.62	25.00	4.03
4.75	19.23	7.50	6.30	30.00	4.00
5.00	18.32				

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Lake # 239 12 SEP 78 (Day 255) Time: 11 25 CDT
Air Temperature: 9 (C) Wind: 24 - 32 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.69 (C)
Epilimnion Temperature: 16.69 (C) Epilimnion Depth (1 C/M): 5.875 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 9.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.69	6.75	10.25	11.00	5.29
1.00	16.69	7.00	9.10	13.00	4.99
2.00	16.69	7.25	8.39	15.00	4.56
3.00	16.69	7.50	7.56	17.00	4.35
4.00	16.70	7.75	7.24	19.00	4.26
5.00	16.69	8.00	6.69	21.00	4.15
5.50	16.67	8.25	6.38	23.00	4.07
5.75	16.46	8.50	6.14	25.00	4.05
6.00	15.40	8.75	6.01	27.00	4.01
6.25	13.01	9.00	5.89	29.00	4.00
6.50	11.58	10.00	5.50	30.80	4.00

****

Lake # 239 10 OCT 78 (Day 283) Time: 08 10 CDT
Air Temperature: 10.9 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.63 (C)
Epilimnion Temperature: 11.63 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 7.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.63	8.25	10.77	16.00	5.12
1.00	11.63	8.50	10.55	18.00	4.96
2.00	11.60	8.75	8.72	20.00	4.71
3.00	11.55	9.00	7.75	22.00	4.64
4.00	11.42	9.25	7.34	24.00	4.61
5.00	11.40	9.50	6.76	26.00	4.61
6.00	11.58	10.00	6.26	28.00	4.60
7.00	11.58	12.00	6.17	30.00	4.59
8.00	11.21	14.00	5.34	30.50	4.59

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Lake # 239 16 MAY 79 (Day 136) Time: 11 40 CDT
Air Temperature: 15.5 (C) Wind: -
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.23 (C)
Epilimnion Temperature: 5.2 (C) Epilimnion Depth (1 C/M): 30.9 (M)
Planar-Thermocline : 13.5 (M) Change at Planar-Thermo: 0.530 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.23	11.00	4.93	22.00	4.12
1.00	5.20	12.00	4.98	23.00	4.12
2.00	5.20	13.00	4.83	24.00	4.11
3.00	5.20	14.00	4.30	25.00	4.09
4.00	5.27	15.00	4.22	26.00	4.04
5.00	5.32	16.00	4.20	27.00	4.01
6.00	5.22	17.00	4.19	28.00	4.00
7.00	5.21	18.00	4.18	29.00	3.96
8.00	5.21	19.00	4.19	30.00	3.92
9.00	5.13	20.00	4.18	30.90	3.90
10.00	5.12	21.00	4.10		

Lake # 239 13 JUN 79 (Day 164) Time: 08 00 CDT
Air Temperature: 12.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 17.73 (C)
Epilimnion Temperature: 17.73 (C)
Planar-Thermocline : 4.375 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Therm: 5.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.73	5.00	8.36	9.00	5.75
1.00	17.73	5.25	7.64	10.00	5.58
2.00	17.44	5.50	7.63	12.00	5.38
2.25	16.68	5.75	7.22	14.00	5.26
2.50	15.70	6.00	6.92	16.00	5.09
2.75	15.39	6.25	6.79	18.00	4.82
3.00	15.30	6.50	6.62	20.00	4.67
3.25	15.16	6.75	6.49	22.00	4.58
3.50	14.16	7.00	6.38	24.00	4.46
3.75	13.46	7.25	6.29	26.00	4.40
4.00	12.15	7.50	6.20	28.00	4.37
4.25	11.33	7.75	6.10	30.00	4.36
4.50	10.01	8.00	5.86	30.70	4.34
4.75	9.15				

Lake # 239 8 AUG 79 (Day 220) Time: 08 00 CDT
Air Temperature: 17.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 20.46 (C)
Epilimnion Temperature: 20.59 (C)
Planar-Thermocline : 5.125 (M)

Wind: -
Weather Description:
Water Color: BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.46	6.75	7.62	18.00	4.64
1.00	20.59	7.00	7.08	19.00	4.56
2.00	20.59	7.25	6.94	20.00	4.53
3.00	20.62	7.50	6.55	21.00	4.44
4.00	20.60	7.75	6.32	22.00	4.39
4.25	20.52	8.00	6.32	23.00	4.34
4.50	20.50	9.00	5.94	24.00	4.31
4.75	18.48	10.00	5.67	25.00	4.28
5.00	16.22	11.00	5.53	26.00	4.28
5.25	13.43	12.00	5.38	27.00	4.28
5.50	12.04	13.00	5.29	28.00	4.27
5.75	10.30	14.00	5.16	29.00	4.27
6.00	9.46	15.00	5.10	30.00	4.26
6.25	9.10	16.00	4.78	30.50	4.26
6.50	8.52	17.00	4.72		

Lake # 239 11 JUL 79 (Day 192) Time: 07 45 CDT
Air Temperature: 24.3 (C)
Cloud Cover: 2 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 23.87 (C)
Epilimnion Temperature: 23.8 (C)
Planar-Thermocline : 5.125 (M)

Wind: -
Weather Description: SMOKE-FIRE
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Therm: 9.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.87	5.00	12.90	8.50	5.88
1.00	23.80	5.25	10.49	9.00	5.81
2.00	23.79	5.50	9.54	10.00	5.60
2.25	23.55	5.75	8.97	12.00	5.36
2.50	23.23	6.00	8.40	14.00	5.16
2.75	22.80	6.25	7.84	16.00	4.81
3.00	22.48	6.50	7.64	18.00	4.68
3.25	21.54	6.75	7.05	20.00	4.58
3.50	19.14	7.00	6.72	22.00	4.50
3.75	17.84	7.25	6.58	24.00	4.37
4.00	16.66	7.50	6.42	26.00	4.36
4.25	15.51	7.75	6.16	28.00	4.34
4.50	14.16	8.00	6.11	29.90	4.34
4.75	13.24	8.25	6.06		

Lake # 239 5 SEP 79 (Day 248) Time: 08 20 CDT
Air Temperature: 18.28 (C)
Cloud Cover: 8 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 17.89 (C)
Epilimnion Temperature: 17.87 (C)
Planar-Thermocline : 6.125 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: PALE -BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.89	6.00	17.83	9.75	5.89
1.00	17.87	6.25	11.44	10.00	5.83
2.00	17.85	6.50	10.37	11.00	5.61
3.00	17.84	6.75	8.74	12.00	5.40
3.25	17.71	7.00	8.01	13.00	5.28
3.50	17.68	7.25	7.52	14.00	5.13
3.75	17.61	7.50	7.16	15.00	5.11
4.00	17.59	7.75	6.91	17.00	5.03
4.25	17.54	8.00	6.67	19.00	4.71
4.50	17.52	8.25	6.48	21.00	4.58
4.75	17.47	8.50	6.38	23.00	4.49
5.00	17.36	8.75	6.25	25.00	4.43
5.25	17.09	9.00	6.11	27.00	4.42
5.50	17.37	9.25	6.09	29.00	4.42
5.75	15.37	9.50	5.95	30.00	4.42

Lake # 239 — 29 OCT 79 — (Day 302) — Time: 11 00 CDT

Air Temperature: 6.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 5.81 (C)
Epilimnion Temperature: 5.79 (C)
Planar-Thermocline : 18.625 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: DARK -BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 29.5 (M)
Change at Planar-Thermo: 0.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.81	15.50	5.76	19.00	4.90
1.00	5.79	15.75	5.75	19.25	4.84
2.00	5.79	16.00	5.69	19.50	4.82
3.00	5.79	16.25	5.60	19.75	4.74
4.00	5.79	16.50	5.50	20.00	4.72
5.00	5.79	16.75	5.40	20.25	4.70
6.00	5.79	17.00	5.34	20.50	4.66
7.00	5.78	17.25	5.31	20.75	4.64
8.00	5.78	17.50	5.30	21.00	4.62
9.00	5.78	17.75	5.29	22.00	4.58
10.00	5.78	18.00	5.21	24.00	4.53
12.00	5.77	18.25	5.11	26.00	4.50
14.00	5.76	18.50	5.03	28.00	4.45
15.00	5.76	18.75	4.92	29.50	4.44
15.25	5.76				

Lake # 239 — 3 OCT 79 — (Day 276) — Time: 08 00 CDT

Air Temperature: 7.8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 12.43 (C)
Epilimnion Temperature: 12.51 (C)
Planar-Thermocline : 8.125 (M)

Wind: -
Weather Description: LIGHT RAIN
Water Color: PALE -BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.375 (M)
Change at Planar-Thermo: 6.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.43	8.50	7.42	11.75	5.68
1.00	12.51	8.75	7.16	12.00	5.60
2.00	12.50	9.00	6.71	13.00	5.44
3.00	12.50	9.25	6.48	15.00	5.29
4.00	12.50	9.50	6.38	17.00	5.12
5.00	12.51	9.75	6.24	19.00	4.86
6.00	12.51	10.00	6.19	21.00	4.72
7.00	12.51	10.25	6.08	23.00	4.65
7.25	12.36	10.50	6.01	25.00	4.61
7.50	11.75	10.75	5.94	27.00	4.58
7.75	10.91	11.00	5.81	29.00	4.57
8.00	9.91	11.25	5.71	30.25	4.57
8.25	8.39	11.50	5.71		

Lake # 239 — 6 MAY 80 — (Day 126) — Time:

Air Temperature: 18.3 (C)
Cloud Cover: 0 /10
Secchi Visibility: 5.4 (M)
Inflow Temperature: 13 (C)
Surface Temperature: 14.34 (C)
Epilimnion Temperature: 14.32 (C)
Planar-Thermocline : 2.375 (M)

Wind: 2 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 14.5 (C)
Epilimnion Depth (1 C/M): 1.875 (M)
Change at Planar-Thermo: 6.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.34	3.00	9.88	7.00	6.76
1.00	14.32	3.25	9.39	8.00	6.24
1.25	14.29	3.50	8.89	9.00	5.91
1.50	14.28	3.75	8.47	10.00	5.48
1.75	14.24	4.00	8.26	11.00	5.41
2.00	13.49	4.50	7.90	12.00	5.30
2.25	12.50	5.00	7.54	13.00	5.28
2.50	10.87	6.00	7.16	14.00	5.22
2.75	10.25				

Lake # 239 10 JUN 80 (Day 161) Time: 08 15 CDT
Air Temperature: 20.5 (C)
Cloud Cover: 2 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 17.96 (C)
Epilimnion Temperature: 17.96 (C)
Planar-Thermocline : 3.875 (M)
Wind: 5 - 7 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Therm: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.96	6.25	6.58	20.00	4.22
1.00	17.96	6.50	6.40	21.00	4.17
2.00	17.86	6.75	6.25	22.00	4.13
3.00	17.80	7.00	6.04	23.00	4.12
3.25	17.71	8.00	5.63	24.00	4.12
3.50	17.53	9.00	5.38	25.00	4.12
3.75	16.33	10.00	5.16	26.00	4.11
4.00	14.23	11.00	4.92	27.00	4.11
4.25	12.29	12.00	4.79	28.00	4.11
4.50	11.26	13.00	4.65	29.00	4.10
4.75	10.92	14.00	4.54	30.00	4.10
5.00	9.52	15.00	4.49	31.00	4.10
5.25	8.63	16.00	4.42	32.00	4.11
5.50	7.92	17.00	4.35	33.00	4.12
5.75	7.56	18.00	4.32	34.00	4.13
6.00	7.10	19.00	4.28		

Lake # 239 24 JUL 80 (Day 205) Time: 08 15 CDT
Air Temperature: 21.2 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 22.32 (C)
Epilimnion Temperature: 22.25 (C)
Planar-Thermocline : 5.125 (M)
Wind: 5 - 7 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.375 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.32	6.75	9.92	18.00	4.30
1.00	22.25	7.00	8.24	19.00	4.21
2.00	22.24	7.25	7.50	20.00	4.16
3.00	22.20	7.50	7.21	21.00	4.18
4.00	21.81	7.75	6.88	22.00	4.16
4.25	21.60	8.00	6.48	23.00	4.11
4.50	21.20	9.00	5.82	24.00	4.10
4.75	20.86	10.00	5.45	25.00	4.10
5.00	19.81	11.00	5.10	26.00	4.10
5.25	17.14	12.00	4.91	27.00	4.10
5.50	15.78	13.00	4.72	28.00	4.10
5.75	14.58	14.00	4.62	29.00	4.10
6.00	12.37	15.00	4.51	30.00	4.10
6.25	11.76	16.00	4.41	31.00	4.10
6.50	10.82	17.00	4.35		

Lake # 239 3 JUL 80 (Day 184) Time: 08 20 CDT
Air Temperature: 17.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 18.18 (C)
Epilimnion Temperature: 18.17 (C)
Planar-Thermocline : 5.125 (M)
Wind: 2 - 5 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.18	7.25	6.40	18.00	4.33
1.00	18.17	7.50	6.30	19.00	4.30
2.00	18.15	7.75	6.18	20.00	4.22
3.00	18.15	8.00	6.09	21.00	4.17
4.00	18.11	9.00	5.51	22.00	4.17
5.00	17.46	10.00	5.11	23.00	4.12
5.25	14.38	11.00	4.92	24.00	4.11
5.50	12.66	12.00	4.78	25.00	4.10
5.75	11.17	13.00	4.66	26.00	4.09
6.00	9.23	14.00	4.56	27.00	4.09
6.25	7.99	15.00	4.50	28.00	4.09
6.50	7.46	16.00	4.43	29.00	4.09
6.75	7.22	17.00	4.40	30.00	4.10
7.00	6.69				

Lake # 239 21 AUG 80 (Day 233) Time: 08 00 CDT
Air Temperature: 22.9 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 21.78 (C)
Epilimnion Temperature: 21.78 (C)
Planar-Thermocline : 5.625 (M)
Wind: 2 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 1 (C)
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.78	6.25	14.13	14.00	4.72
1.00	21.78	6.50	12.84	15.00	4.62
2.00	21.60	6.75	11.80	16.00	4.54
2.25	21.11	7.00	10.87	17.00	4.43
2.50	20.98	7.25	10.15	18.00	4.38
2.75	20.67	7.50	9.42	19.00	4.23
3.00	20.49	7.75	8.93	20.00	4.20
3.25	20.32	8.00	8.03	21.00	4.18
3.50	20.29	8.25	7.44	22.00	4.18
3.75	20.11	8.50	7.21	23.00	4.17
4.00	19.90	8.75	6.90	24.00	4.16
4.25	19.83	9.00	6.78	25.00	4.14
4.50	19.82	9.25	6.44	26.00	4.12
4.75	19.80	9.50	6.21	27.00	4.11
5.00	19.62	9.75	6.10	28.00	4.11
5.25	19.39	10.00	5.93	29.00	4.11
5.50	19.10	11.00	5.60	30.00	4.11
5.75	16.50	12.00	5.19	31.00	4.11
6.00	15.07	13.00	4.93		

Lake # 239 18 SEP 80 (Day 261) Time: 08 00 CDT
Air Temperature: 4.32 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.75 (M)
Inflow Temperature:
Surface Temperature: 14.11 (C)
Epilimnion Temperature: 14.17 (C)
Planar-Thermocline : 7.875 (M)
Wind: 0 - -1 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.375 (M)
Change at Planar-Therm: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.11	8.50	7.77	20.00	4.41
1.00	14.17	8.75	7.11	21.00	4.37
2.00	14.19	9.00	6.70	22.00	4.37
3.00	14.19	10.00	5.90	23.00	4.31
4.00	14.19	11.00	5.70	24.00	4.31
5.00	14.19	12.00	5.28	25.00	4.29
6.00	14.19	13.00	5.12	26.00	4.29
7.00	14.19	14.00	4.95	27.00	4.29
7.25	14.17	15.00	4.81	28.00	4.29
7.50	13.71	16.00	4.67	29.00	4.29
7.75	12.23	17.00	4.51	30.00	4.29
8.00	10.41	18.00	4.49	31.00	4.29
8.25	8.83	19.00	4.41		

Lake # 239 13 MAY 81 (Day 133) Time: 13 42 CDT
Air Temperature: -1 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.41 (M)
Inflow Temperature:
Surface Temperature: 13.7 (C)
Epilimnion Temperature: 13.21 (C)
Planar-Thermocline : 2.125 (M)
Wind: 0 - 2 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.125 (M)
Change at Planar-Therm: 3.540 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.70	7.00	6.93	20.00	4.57
1.00	13.21	8.00	6.41	21.00	4.52
1.25	12.62	9.00	6.03	22.00	4.42
1.50	12.03	10.00	5.64	23.00	4.40
1.75	11.96	11.00	5.51	24.00	4.36
2.00	11.24	12.00	5.41	25.00	4.34
2.25	10.35	13.00	5.34	26.00	4.33
2.50	10.18	14.00	5.31	27.00	4.33
2.75	9.92	15.00	5.14	28.00	4.33
3.00	9.68	16.00	5.00	29.00	4.33
4.00	8.98	17.00	4.76	30.00	4.33
5.00	8.28	18.00	4.69	31.00	4.33
6.00	7.48	19.00	4.62		

Lake # 239 16 OCT 80 (Day 289) Time: 08 00 CDT
Air Temperature: -2 (C)
Cloud Cover: 2.5 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 8.53 (C)
Epilimnion Temperature: 8.53 (C)
Planar-Thermocline : 12.375 (M)
Wind: 0 - -1 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 11.625 (M)
Change at Planar-Therm: 2.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.53	11.75	7.75	20.00	4.49
1.00	8.53	12.00	7.39	21.00	4.42
2.00	8.54	12.25	6.71	22.00	4.41
3.00	8.54	12.50	6.00	23.00	4.40
4.00	8.54	12.75	5.68	24.00	4.40
5.00	8.54	13.00	5.51	25.00	4.37
6.00	8.54	14.00	5.18	26.00	4.36
7.00	8.54	15.00	5.00	27.00	4.36
8.00	8.54	16.00	4.85	28.00	4.37
9.00	8.53	17.00	4.84	29.00	4.36
10.00	8.52	18.00	4.60	30.00	4.36
11.00	8.50	19.00	4.52	30.90	4.33
11.50	8.22				

Lake # 239 27 MAY 81 (Day 147) Time: 10 55 CDT
Air Temperature: 25 (C)
Cloud Cover: 3 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 15.67 (C)
Epilimnion Temperature: 14.64 (C)
Planar-Thermocline : 5.125 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Therm: 6.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.67	7.00	7.51	19.00	4.65
1.00	14.64	7.50	6.92	20.00	4.68
2.00	14.39	8.00	6.73	21.00	4.64
3.00	14.24	9.00	6.29	22.00	4.59
4.00	13.82	10.00	5.96	23.00	4.50
5.00	12.90	11.00	5.75	24.00	4.44
5.25	11.39	12.00	5.52	25.00	4.39
5.50	10.35	13.00	5.30	26.00	4.38
5.75	9.49	14.00	5.24	27.00	4.37
6.00	9.28	15.00	5.10	28.00	4.37
6.25	8.39	16.00	4.99	29.00	4.34
6.50	8.10	17.00	4.92	30.00	4.31
6.75	8.05	18.00	4.76	31.00	4.29

Lake # 239 10 JUN 81 (Day 161) Time: 08 45 CDT
Air Temperature: 13.1 (C)
Cloud Cover: 6 /10
Secchi Visibility: 4.1 (M)
Inflow Temperature:
Surface Temperature: 17.04 (C)
Epilimnion Temperature: 17.04 (C)
Planar-Thermocline : 4.375 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.375 (M)
Change at Planar-Therm: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.04	6.50	8.34	18.00	4.84
1.00	17.04	6.75	7.76	19.00	4.71
2.00	17.04	7.00	7.62	20.00	4.69
3.00	17.04	7.50	7.05	21.00	4.66
4.00	17.03	8.00	6.45	22.00	4.59
4.25	16.82	9.00	5.90	23.00	4.54
4.50	15.47	10.00	5.48	24.00	4.49
4.75	14.26	11.00	5.33	25.00	4.51
5.00	13.37	12.00	5.22	26.00	4.49
5.25	12.25	13.00	5.15	27.00	4.48
5.50	11.22	14.00	5.11	28.00	4.44
5.75	10.26	15.00	4.99	29.00	4.44
6.00	9.66	16.00	4.88	30.00	4.44
6.25	8.89	17.00	4.83		

Lake # 239 8 JUL 81 (Day 189) Time: 07 30 CDT
Air Temperature: 25 (C)
Cloud Cover: 2 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 24.58 (C)
Epilimnion Temperature: 24.58 (C)
Planar-Thermocline : 3.125 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.875 (M)
Change at Planar-Therm: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.58	6.00	14.26	16.00	5.29
1.00	24.58	6.25	13.37	17.00	5.19
2.00	24.57	6.50	12.70	18.00	5.09
2.50	24.48	6.75	11.55	19.00	4.90
2.75	24.48	7.00	11.06	20.00	4.99
3.00	23.48	7.25	9.90	21.00	4.99
3.25	21.43	7.50	9.56	22.00	4.84
3.50	21.32	7.75	9.21	23.00	4.74
3.75	20.77	8.00	8.02	24.00	4.65
4.00	19.72	9.00	7.11	25.00	4.14
4.25	19.34	10.00	6.54	26.00	4.68
4.50	18.80	11.00	6.16	27.00	4.67
4.75	18.00	12.00	5.90	28.00	4.66
5.00	17.73	13.00	5.69	29.00	4.64
5.25	17.32	[illegible]	5.55	30.00	4.63
5.50	16.77	15.00	5.39	31.00	4.62
5.75	15.33				

Lake # 239 24 JUN 81 (Day 175) Time: 08 30 CDT
Air Temperature: 15 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 17.6 (C)
Epilimnion Temperature: 17.67 (C)
Planar-Thermocline : 6.125 (M)

Wind: 0 - 5 KMPH
Weather Description: RAINING
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Therm: 7.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.60	7.25	8.30	19.00	4.90
1.00	17.67	7.50	7.82	20.00	4.79
2.00	17.72	7.75	7.31	21.00	4.69
3.00	17.72	8.00	6.95	22.00	4.62
4.00	17.70	9.00	6.52	23.00	4.55
5.00	16.68	10.00	6.22	24.00	4.52
5.25	16.13	11.00	6.01	25.00	4.42
5.50	15.98	12.00	5.78	26.00	4.41
5.75	15.50	13.00	5.61	27.00	4.39
6.00	14.27	14.00	5.46	28.00	4.37
6.25	12.40	15.00	5.32	29.00	4.37
6.50	11.09	16.00	5.22	30.00	4.37
6.75	10.18	17.00	5.12	31.00	4.37
7.00	9.46	18.00	4.97		

Lake # 239 22 JUL 81 (Day 203) Time: 08 10 CDT
Air Temperature: 17.1 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 22.76 (C)
Epilimnion Temperature: 22.75 (C)
Planar-Thermocline : 4.875 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Therm: 5.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.76	6.75	11.60	17.00	5.12
1.00	22.75	7.00	10.77	18.00	4.95
2.00	22.67	7.25	9.60	19.00	4.84
3.00	22.57	7.50	9.02	20.00	4.73
4.00	22.55	7.75	8.45	21.00	4.64
4.25	21.25	8.00	7.92	22.00	4.61
4.50	20.12	8.50	7.38	23.00	4.57
4.75	19.20	9.00	7.01	24.00	4.49
5.00	17.74	10.00	6.44	25.00	4.47
5.25	17.07	11.00	6.16	26.00	4.44
5.50	16.68	12.00	5.49	27.00	4.40
5.75	15.44	13.00	5.49	28.00	4.39
6.00	14.20	14.00	5.45	29.00	4.39
6.25	13.32	15.00	5.32	30.00	4.39
6.50	12.60	16.00	5.19	31.00	4.38

Lake # 239 5 AUG 81 (Day 217) Time: 07 45 CDT
Air Temperature: 20 (C) Wind: 5 - 10 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.01 (C)
Epilimnion Temperature: 22.98 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Therm: 7.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.01	7.25	10.17	16.00	5.14
1.00	22.98	7.50	9.16	17.00	4.95
2.00	22.96	7.75	8.83	18.00	4.85
3.00	22.63	8.00	8.25	19.00	4.72
4.00	22.12	8.25	7.62	20.00	4.68
4.25	21.84	8.50	7.43	21.00	4.59
4.50	21.36	8.75	7.18	22.00	4.53
4.75	20.47	9.00	7.11	23.00	4.48
5.00	19.62	9.25	6.91	24.00	4.44
5.25	18.60	9.50	6.77	25.00	4.39
5.50	18.07	9.75	6.61	26.00	4.39
5.75	17.12	10.00	6.44	27.00	4.38
6.00	15.92	11.00	6.16	28.00	4.37
6.25	14.30	12.00	5.95	29.00	4.37
6.50	12.36	13.00	5.65	30.00	4.37
6.75	11.41	14.00	5.47	31.00	4.37
7.00	10.62	15.00	5.34		

Lake # 239 2 SEP 81 (Day 245) Time: 08 30 CDT
Air Temperature: 9.9 (C) Wind: 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.96 (C)
Epilimnion Temperature: 20.02 (C) Epilimnion Depth (1 C/M): 5.875 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Therm: 9.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.96	7.50	9.60	18.00	4.96
1.00	20.02	7.75	9.16	19.00	4.87
2.00	20.02	8.00	8.80	20.00	4.74
3.00	20.02	8.25	8.19	21.00	4.66
4.00	20.02	8.50	7.87	22.00	4.62
5.00	20.02	8.75	7.39	23.00	4.60
5.25	19.99	9.00	7.21	24.00	4.55
5.50	19.99	10.00	6.58	25.00	4.50
5.75	19.99	11.00	6.25	26.00	4.49
6.00	17.63	12.00	5.85	27.00	4.49
6.25	16.60	13.00	5.77	28.00	4.48
6.50	14.34	14.00	5.58	29.00	4.48
6.75	13.17	15.00	5.34	30.00	4.48
7.00	11.59	16.00	5.21	31.00	4.48
7.25	11.01	17.00	5.18		

Lake # 239 19 AUG 81 (Day 231) Time: 18 34 CDT
Air Temperature: 18 (C) Wind: 10 - 15 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.74 (C)
Epilimnion Temperature: 21.77 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Therm: 9.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.74	8.00	9.18	18.00	5.16
1.00	21.77	8.25	8.71	19.00	5.06
2.00	21.79	8.50	8.30	20.00	4.98
3.00	21.78	8.75	7.98	21.00	4.91
4.00	21.75	9.00	7.68	22.00	4.83
5.00	20.81	9.25	7.46	23.00	4.78
5.25	20.42	9.50	7.35	24.00	4.76
5.50	20.12	9.75	7.11	25.00	4.73
5.75	18.50	10.00	7.00	26.00	4.73
6.00	16.12	11.00	6.37	27.00	4.72
6.25	14.59	12.00	6.00	28.00	4.72
6.50	13.51	13.00	5.85	29.00	4.72
6.75	12.36	14.00	5.66	30.00	4.71
7.00	11.74	15.00	5.49	31.00	4.70
7.25	11.23	16.00	5.35	32.00	4.72
7.50	10.46	17.00	5.27	33.00	4.72
7.75	9.69				

Lake # 239 16 SEP 81 (Day 259) Time: 08 41 CDT
Air Temperature: 6.8 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.69 (C)
Epilimnion Temperature: 16.76 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Therm: 6.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.69	8.00	9.74	19.00	4.83
1.00	16.76	8.25	8.75	20.00	4.77
2.00	16.76	8.50	8.44	21.00	4.75
3.00	16.76	8.75	8.20	22.00	4.60
4.00	16.76	9.00	7.61	23.00	4.58
5.00	16.77	10.00	6.59	24.00	4.51
6.00	16.77	11.00	6.16	25.00	4.51
6.25	16.76	12.00	5.94	26.00	4.50
6.50	16.76	13.00	5.58	27.00	4.50
6.75	16.07	14.00	5.41	28.00	4.50
7.00	14.59	15.00	5.27	29.00	4.51
7.25	13.54	16.00	5.09	30.00	4.50
7.50	12.99	17.00	5.06	31.00	4.49
7.75	11.42	18.00	5.00		

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Lake # 239 29 SEP 81 (Day 272) Time: 11 24 CDT
Air Temperature: (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 11.78 (C)
Epilimnion Temperature: 11.8 (C)
Planar-Thermocline : 9.125 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 8.5 (M)
Change at Planar-Thermo: 5.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.78	9.75	7.30	21.00	4.66
1.00	11.80	10.00	7.11	22.00	4.62
2.00	11.81	11.00	6.47	23.00	4.55
3.00	11.81	12.00	6.14	24.00	4.49
4.00	11.83	13.00	5.84	25.00	4.49
5.00	11.81	14.00	5.51	26.00	4.49
6.00	11.79	15.00	5.34	27.00	4.49
7.00	11.78	16.00	5.20	28.00	4.49
8.00	11.11	17.00	5.09	29.00	4.49
9.00	10.11	18.00	4.97	30.00	4.49
9.25	8.74	19.00	4.86	31.00	4.49
9.50	7.93	20.00	4.74		

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Lake # 239 14 OCT 81 (Day 287) Time: 08 30 CDT
Air Temperature: 6 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.39 (C)
Epilimnion Temperature: 9.39 (C)
Planar-Thermocline : 13.375 (M)

Wind: 0 - 9 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 12.375 (M)
Change at Planar-Thermo: 4.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.39	12.25	8.98	20.00	4.84
1.00	9.39	12.50	8.38	21.00	4.77
2.00	9.39	12.75	7.91	22.00	4.66
3.00	9.39	13.00	7.62	23.00	4.67
4.00	9.39	13.25	7.12	24.00	4.64
5.00	9.39	13.50	6.09	25.00	4.58
6.00	9.39	13.75	5.94	26.00	4.56
7.00	9.39	14.00	5.81	27.00	4.55
8.00	9.36	15.00	5.45	28.00	4.56
9.00	9.34	16.00	5.24	29.00	4.54
10.00	9.31	17.00	5.11	30.00	4.54
11.00	9.30	18.00	5.02	31.00	4.52
12.00	9.16	19.00	4.96		

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Lake # 239 28 OCT 81 (Day 301) Time: 14 15 CST
Air Temperature: 2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 5.21 (C)
Epilimnion Temperature: 5.21 (C)
Planar-Thermocline : 24.5 (M)

Wind: 15 - 20 KMPH
Weather Description: RAINING
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 30 (M)
Change at Planar-Thermo: 0.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.21	11.00	5.21	21.00	5.18
1.00	5.21	12.00	5.19	22.00	5.18
2.00	5.21	13.00	5.19	23.00	5.18
3.00	5.21	14.00	5.19	24.00	5.18
4.00	5.21	15.00	5.17	25.00	5.15
5.00	5.21	16.00	5.17	26.00	5.15
6.00	5.21	17.00	5.17	27.00	5.15
7.00	5.21	18.00	5.17	28.00	5.15
8.00	5.21	19.00	5.17	29.00	5.15
9.00	5.21	20.00	5.18	30.00	5.15
10.00	5.21				

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Lake # 239 19 MAY 82 (Day 139) Time: 08 17 CDT
Air Temperature: 12 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.61 (C)
Epilimnion Temperature: 9.6 (C) Epilimnion Depth (1 C/M): 7.5 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 1.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.61	11.00	6.08	22.00	4.64
1.00	9.60	12.00	5.99	23.00	4.55
2.00	9.59	13.00	5.89	24.00	4.50
3.00	9.52	14.00	5.65	25.00	4.50
4.00	8.99	15.00	5.40	26.00	4.42
5.00	8.75	16.00	5.28	27.00	4.36
6.00	8.61	17.00	5.13	28.00	4.31
7.00	8.21	18.00	5.06	29.00	4.28
8.00	7.21	19.00	5.01	30.00	4.28
9.00	6.60	20.00	4.82	31.00	4.27
10.00	6.19	21.00	4.71		

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Lake # 239 2 JUN 82 (Day 153) Time: 08 29 CDT
Air Temperature: 10.5 (C) Wind: 10 - 15 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.91 (C)
Epilimnion Temperature: 14.91 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.91	7.00	8.89	19.00	5.28
1.00	14.91	8.00	8.70	20.00	5.23
2.00	14.91	9.00	7.92	21.00	5.07
3.00	14.84	10.00	7.29	22.00	4.88
3.25	13.44	11.00	6.70	23.00	4.81
3.50	12.26	12.00	6.54	24.00	4.76
3.75	11.68	13.00	6.16	25.00	4.72
4.00	11.03	14.00	5.96	26.00	4.69
4.25	10.39	15.00	5.67	27.00	4.67
4.50	10.16	16.00	5.46	28.00	4.67
4.75	9.96	17.00	5.51	29.00	4.67
5.00	9.84	18.00	5.42	30.00	4.67
6.00	9.23				

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Lake # 239 16 JUN 82 (Day 167) Time: 11 00 CDT
Air Temperature: 13 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.92 (C)
Epilimnion Temperature: 15.92 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.92	7.50	9.68	19.00	4.92
1.00	15.92	8.00	8.94	20.00	4.78
2.00	15.92	8.50	8.58	21.00	4.76
3.00	15.92	9.00	7.65	22.00	4.64
4.00	15.85	9.50	7.02	23.00	4.58
4.00	5.00	10.00	6.72	24.00	4.58
4.25	15.63	11.00	6.43	25.00	4.52
4.75	13.67	12.00	6.20	26.00	4.48
5.00	13.55	13.00	6.00	27.00	4.40
5.25	13.34	14.00	5.83	28.00	4.40
5.50	13.31	15.00	5.70	29.00	4.40
5.75	13.28	16.00	5.50	30.00	4.39
6.00	11.83	17.00	5.39	31.00	4.39
7.00	10.30	18.00	5.14		

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Lake # 239 0 JUL 82 (Day 181) Time: 11 22 CDT
Air Temperature: 21 (C) Wind: 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.81 (C)
Epilimnion Temperature: 19.72 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 7.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.81	7.25	9.31	19.00	5.02
1.00	19.72	7.50	9.05	20.00	4.94
2.00	19.48	7.75	8.79	21.00	4.50
3.00	19.28	8.00	8.55	22.00	4.60
4.00	18.98	9.00	7.82	23.00	4.09
5.00	18.14	10.00	7.39	24.00	4.09
5.25	16.33	11.00	7.06	25.00	4.07
5.50	15.48	12.00	6.66	26.00	4.07
5.75	13.57	13.00	6.35	27.00	4.05
6.00	12.60	14.00	6.14	28.00	4.05
6.25	11.74	15.00	5.92	29.00	4.05
6.50	11.01	16.00	5.74	30.00	4.04
6.75	10.53	17.00	5.51	31.00	4.05
7.00	10.17	18.00	5.27		

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Lake # 239 14 JUL 82 (Day 195) Time: 09 35 CDT
Air Temperature: 21 (C) Wind: 0 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.12 (C)
Epilimnion Temperature: 21.12 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.12	6.25	12.85	17.00	5.63
1.00	21.12	6.50	12.56	18.00	5.32
2.00	20.02	6.75	11.32	19.00	5.39
3.00	20.98	7.00	10.72	20.00	5.26
3.25	20.42	7.25	10.06	21.00	5.19
3.50	20.03	7.50	9.48	22.00	5.10
3.75	19.78	7.75	9.00	23.00	4.96
4.00	19.68	8.00	8.60	24.00	4.88
4.25	19.50	9.00	7.94	25.00	4.84
4.50	19.19	10.00	7.53	26.00	4.79
4.75	18.93	11.00	6.65	27.00	4.79
5.00	18.56	12.00	6.55	28.00	4.75
5.25	17.77	13.00	6.36	29.00	4.62
5.50	16.88	14.00	6.17	30.00	4.61
5.75	16.08	15.00	6.02	31.00	4.61
6.00	14.08	16.00	5.76		

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Lake # 239 28 JUL 82 (Day 209) Time: 07 37 CDT
Air Temperature: 21 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.01 (C)
Epilimnion Temperature: 23.01 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 9.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.01	6.75	11.80	18.00	5.51
1.00	23.01	7.00	10.90	19.00	5.43
2.00	23.01	7.25	10.23	20.00	5.38
3.00	22.81	7.50	9.12	21.00	5.27
4.00	22.32	7.75	9.03	22.00	5.17
4.25	21.55	8.00	8.71	23.00	5.14
4.50	21.27	9.00	7.72	24.00	4.96
4.75	20.71	10.00	7.46	25.00	4.87
5.00	19.87	11.00	7.23	26.00	4.82
5.25	19.67	12.00	6.75	27.00	4.78
5.50	18.97	13.00	6.49	28.00	4.77
5.75	16.71	14.00	6.26	29.00	4.77
6.00	14.58	15.00	6.06	30.00	4.77
6.25	13.73	16.00	5.96	31.00	4.77
6.50	12.98	17.00	5.71	32.00	4.77

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Lake # 239 11 AUG 82 (Day 223) Time: 08 30 CDT
Air Temperature: 13.5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.21 (C)
Epilimnion Temperature: 19.23 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 9.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.21	7.50	10.20	18.00	5.54
1.00	19.23	7.75	9.57	19.00	5.46
2.00	19.19	8.00	9.02	20.00	5.35
3.00	19.19	8.25	8.64	21.00	5.25
4.00	19.19	8.50	8.39	22.00	5.16
5.00	19.17	8.75	8.01	23.00	5.11
5.25	18.54	9.00	7.90	24.00	4.95
5.50	19.29	10.00	7.65	25.00	4.90
5.75	19.04	11.00	7.31	26.00	4.88
6.00	17.73	12.00	6.79	27.00	4.86
6.25	15.42	13.00	6.54	28.00	4.85
6.50	13.51	14.00	6.31	29.00	4.85
6.75	12.40	15.00	6.08	30.00	4.84
7.00	11.47	16.00	5.96	31.00	4.83
7.25	10.82	17.00	5.71		

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Lake # 239 25 AUG 82 (Day 237) Time: 08 25 CDT
Air Temperature: 13 (C) Wind: 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.09 (C)
Epilimnion Temperature: 19.24 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.09	8.00	9.30	18.00	5.51
1.00	19.24	8.25	8.80	19.00	5.41
2.00	19.25	8.50	8.30	20.00	5.48
3.00	19.25	8.75	8.10	21.00	5.35
4.00	19.28	9.00	7.92	22.00	5.21
5.00	19.28	10.00	7.52	23.00	5.12
6.00	19.18	11.00	7.07	24.00	5.07
6.25	16.66	12.00	6.78	25.00	4.95
6.50	15.11	13.00	6.55	26.00	4.89
6.75	14.33	14.00	6.28	27.00	4.89
7.00	12.65	15.00	6.09	28.00	4.89
7.25	11.64	16.00	5.83	29.00	4.89
7.50	10.76	17.00	5.64	30.00	4.89
7.75	9.95				

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Lake # 239 8 SEP 82 (Day 251) Time: 11 05 CDT
Air Temperature: 18 (C) Wind: 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.03 (C)
Epilimnion Temperature: 16.02 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 6.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.03	8.00	10.22	19.00	5.23
1.00	16.02	8.25	9.32	20.00	5.12
2.00	16.00	8.50	9.02	21.00	5.00
3.00	15.95	8.75	8.80	22.00	4.89
4.00	15.83	9.00	8.19	23.00	4.80
5.00	15.79	10.00	7.31	24.00	4.80
6.00	15.73	11.00	6.90	25.00	4.79
6.25	15.55	12.00	6.56	26.00	4.65
6.50	15.37	13.00	6.42	27.00	4.61
6.75	15.09	14.00	6.01	28.00	4.60
7.00	14.61	15.00	5.89	29.00	4.59
7.25	13.71	16.00	5.68	30.00	4.59
7.50	11.98	17.00	5.53	31.00	4.59
7.75	11.20	18.00	5.40		

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Lake # 239 22 SEP 82 (Day 265) Time: 08 30 CDT
Air Temperature: 12 (C) Wind: 10 - 15 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.73 (C)
Epilimnion Temperature: 13.73 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 5.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.73	9.25	8.32	20.00	5.06
1.00	13.73	9.50	8.12	21.00	5.00
2.00	13.73	9.75	7.90	22.00	4.83
3.00	13.73	10.00	7.62	23.00	4.75
4.00	13.72	11.00	7.06	24.00	4.70
5.00	13.72	12.00	6.80	25.00	4.65
6.00	13.67	13.00	6.45	26.00	4.64
7.00	13.52	14.00	6.09	27.00	4.61
8.00	13.14	15.00	5.91	28.00	4.60
8.25	12.64	16.00	5.66	29.00	4.59
8.50	11.71	17.00	5.48	30.00	4.59
8.75	10.33	18.00	5.33	31.00	4.59
9.00	9.30	19.00	5.22		

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Lake # 239 6 OCT 82 (Day 279) Time: 11 10 CDT
Air Temperature: 5 (C) Wind: 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.32 (C)
Epilimnion Temperature: 10.32 (C) Epilimnion Depth (1 C/M): 10.625 (M)
Planar-Thermocline : 10.875 (M) Change at Planar-Thermo: 6.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.32	10.50	10.31	21.00	4.83
1.00	10.32	10.75	9.10	22.00	4.70
2.00	10.32	11.00	7.36	23.00	4.65
3.00	10.32	12.00	6.71	24.00	4.58
4.00	10.32	13.00	6.42	25.00	4.53
5.00	10.34	14.00	6.10	26.00	4.50
6.00	10.34	15.00	5.86	27.00	4.48
7.00	10.34	16.00	5.70	28.00	4.46
8.00	10.34	17.00	5.49	29.00	4.45
9.00	10.34	18.00	5.29	30.00	4.43
10.00	10.34	19.00	5.11	31.00	4.41
10.25	10.31	20.00	4.90		

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Lake # 239 20 OCT 82 (Day 293) Time: 08 39 CDT
Air Temperature: -1 (C) Wind: 20 - 25 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.46 (C)
Epilimnion Temperature: 7.46 (C) Epilimnion Depth (1 C/M): 15.125 (M)
Planar-Thermocline : 15.125 (M) Change at Planar-Thermo: 3.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.46	12.00	7.46	20.00	4.88
1.00	7.46	13.00	7.46	21.00	4.82
2.00	7.46	14.00	7.46	22.00	4.68
3.00	7.46	15.00	6.76	23.00	4.59
4.00	7.46	15.25	5.93	24.00	4.52
5.00	7.46	15.50	5.89	25.00	4.50
6.00	7.46	15.75	5.89	26.00	4.45
7.00	7.46	16.00	5.70	27.00	4.45
8.00	7.46	17.00	5.40	28.00	4.45
9.00	7.46	18.00	5.36	29.00	4.45
10.00	7.46	19.00	5.00	30.00	4.45
11.00	7.46				

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Lake # 239 2 NOV 82 (Day 306) Time: 10 40 CST
Air Temperature: -5 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 6.9 (C)
Epilimnion Temperature: 6.9 (C)
Planar-Thermocline : 19.5 (M)
Wind: 5 - 10 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 30 (M)
Change at Planar-Thermo: 0.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.90	11.00	6.82	21.00	5.21
1.00	6.90	12.00	6.81	22.00	5.02
2.00	6.88	13.00	6.81	23.00	4.81
3.00	6.88	14.00	6.80	24.00	4.79
4.00	6.88	15.00	6.76	25.00	4.71
5.00	6.88	16.00	6.73	26.00	4.70
6.00	6.86	17.00	6.71	27.00	4.70
7.00	6.86	18.00	6.41	28.00	4.65
8.00	6.86	19.00	6.11	29.00	4.62
9.00	6.86	20.00	5.41	30.00	4.61
10.00	6.86				

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Lake # 239 10 MAY 83 (Day 130) Time: 11 15 CDT
Air Temperature: 11 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.3 (M)
Inflow Temperature:
Surface Temperature: 5.9 (C)
Epilimnion Temperature: 5.9 (C)
Planar-Thermocline : 17.5 (M)
Wind: SE 10 - 15 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 30 (M)
Change at Planar-Thermo: 0.140 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.90	5.00	5.80	15.00	5.40
1.00	5.90	6.00	5.70	20.00	4.70
2.00	5.80	7.00	5.70	25.00	4.30
3.00	5.80	10.00	5.70	30.00	4.10
4.00	5.80				

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Lake # 239 18 MAY 83 (Day 138) Time: 10 25 CDT
Air Temperature: 14 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 8.9 (C)
Epilimnion Temperature: 8.8 (C)
Planar-Thermocline : 3.625 (M)
Wind: NW 0 - 5 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Thermo: 1.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.90	7.00	6.90	20.00	5.80
1.00	8.80	8.00	6.70	21.00	5.60
2.00	8.60	9.00	6.60	22.00	5.10
2.25	8.50	10.00	6.40	23.00	4.90
2.50	8.40	11.00	6.40	24.00	4.80
2.75	8.20	12.00	6.40	25.00	4.60
3.00	8.20	13.00	6.30	26.00	4.50
3.25	8.10	14.00	6.20	27.00	4.50
3.50	8.00	15.00	6.20	28.00	4.40
3.75	7.70	16.00	6.10	29.00	4.40
4.00	7.50	17.00	6.00	30.00	4.30
5.00	7.20	18.00	5.90	31.00	4.30
6.00	7.00	19.00	5.90		

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Lake # 239 24 MAY 83 (Day 144) Time: 08 30 CDT
Air Temperature: 4 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 9.9 (C)
Epilimnion Temperature: 9.9 (C)
Planar-Thermocline : 5.625 (M)
Wind: NE 20 - 25 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: 2.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.90	9.00	6.90	21.00	5.80
1.00	9.90	10.00	6.80	22.00	5.60
2.00	9.90	11.00	6.70	23.00	5.45
3.00	9.90	12.00	6.65	24.00	5.20
4.00	9.75	13.00	6.60	25.00	5.10
5.00	9.20	14.00	6.55	26.00	5.00
5.25	9.10	15.00	6.45	27.00	5.00
5.50	8.90	16.00	6.35	28.00	4.95
5.75	8.35	17.00	6.25	29.00	4.90
6.00	8.00	18.00	6.20	30.00	4.85
7.00	7.45	19.00	6.00	31.00	4.85
8.00	7.05	20.00	5.90		

****

Lake # 239 21 JUN 83 (Day 172) Time: 08 15 CDT
Air Temperature: 20 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 18 (C)
Epilimnion Temperature: 18 (C)
Planar-Thermocline : 5.625 (M)

Wind: NE 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.875 (M)
Change at Planar-Thermo: 5.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.00	6.25	10.21	17.00	5.10
1.00	18.00	6.50	9.80	18.00	5.00
2.00	18.00	6.75	9.40	19.00	4.90
3.00	18.00	7.00	8.90	20.00	4.80
3.25	17.90	7.25	8.00	21.00	4.70
3.50	17.85	7.50	7.55	22.00	4.60
3.75	17.80	7.75	7.10	23.00	4.55
4.00	16.90	8.00	7.00	24.00	4.40
4.25	16.30	9.00	6.20	25.00	4.40
4.50	15.85	10.00	6.00	26.00	4.35
4.75	15.15	11.00	5.90	27.00	4.30
5.00	14.95	12.00	5.70	28.00	4.30
5.25	14.36	13.00	5.45	29.00	4.25
5.50	13.41	14.00	5.50	30.00	4.25
5.75	12.15	15.00	5.40	30.50	4.20
6.00	10.95	16.00	5.20		

****

Lake # 239 16 AUG 83 (Day 228) Time: 08 11 CDT
Air Temperature: 15 (C)
Cloud Cover: 8 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 22 (C)
Epilimnion Temperature: 22 (C)
Planar-Thermocline : 5.875 (M)

Wind: NW 15 - 20 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	7.25	9.50	18.00	5.30
1.00	22.00	7.50	9.00	19.00	5.10
2.00	22.00	7.75	8.50	20.00	4.80
3.00	22.00	8.00	7.80	21.00	4.80
4.00	22.00	9.00	6.90	22.00	4.70
5.00	22.00	10.00	6.30	23.00	4.60
5.25	20.70	11.00	6.10	24.00	4.60
5.50	19.80	12.00	5.90	25.00	4.50
5.75	17.70	13.00	5.80	26.00	4.50
6.00	14.90	14.00	5.70	27.00	4.50
6.25	13.70	15.00	5.60	28.00	4.40
6.50	12.30	16.00	5.50	29.00	4.40
6.75	11.20	17.00	5.40	30.00	4.40
7.00	10.10				

****

Lake # 239 19 JUL 83 (Day 200) Time: 15 12 CDT
Air Temperature: 24 (C)
Cloud Cover: 5 /10
Secchi Visibility: 5.4 (M)
Inflow Temperature:
Surface Temperature: 24.6 (C)
Epilimnion Temperature: 24.6 (C)
Planar-Thermocline : 5.375 (M)

Wind: SW 10 - 15 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.60	6.25	13.20	17.00	5.90
1.00	24.60	6.50	12.00	18.00	5.80
2.00	24.30	6.75	10.90	19.00	5.60
3.00	24.00	7.00	10.20	20.00	5.60
3.25	23.90	7.25	9.50	21.00	5.40
3.50	23.30	7.50	9.20	22.00	5.30
3.75	22.70	7.75	8.80	23.00	5.30
4.00	22.00	8.00	8.40	24.00	5.20
4.25	21.60	9.00	7.60	25.00	5.20
4.50	20.90	10.00	7.00	26.00	5.10
4.75	20.30	11.00	6.70	27.00	5.00
5.00	19.40	12.00	6.60	28.00	5.00
5.25	18.00	13.00	6.50	29.00	5.00
5.50	16.40	14.00	6.40	30.00	5.00
5.75	15.00	15.00	6.20	31.00	4.90
6.00	14.20	16.00	6.10		

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Lake # 239 13 SEP 83 (Day 256) Time: 08 12 CDT
Air Temperature: 12 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 17 (C)
Epilimnion Temperature: 17 (C)
Planar-Thermocline : 6.875 (M)

Wind: NW 10 - 15 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.625 (M)
Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.00	8.00	8.70	18.00	5.20
1.00	17.00	8.25	8.10	19.00	5.00
2.00	17.00	8.50	7.80	20.00	4.90
3.00	17.00	8.75	7.40	21.00	4.90
4.00	17.00	9.00	7.00	22.00	4.80
5.00	17.00	10.00	6.60	23.00	4.60
6.00	17.00	11.00	6.20	24.00	4.50
6.25	16.90	12.00	6.10	25.00	4.50
6.50	16.90	13.00	5.90	26.00	4.50
6.75	15.60	14.00	5.70	27.00	4.50
7.00	13.20	15.00	5.50	28.00	4.50
7.25	12.20	16.00	5.40	29.00	4.50
7.50	10.90	17.00	5.30	30.00	4.50
7.75	9.90				

Lake # 239 11 OCT 83 (Day 284) Time: 08 30 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 9.4 (C)
Epilimnion Temperature: 9.4 (C)
Planar-Thermocline : 11.625 (M)

Wind: W 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 11.625 (M)
Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.40	11.50	9.10	19.00	5.00
1.00	9.40	11.75	8.20	20.00	4.95
2.00	9.40	12.00	7.90	21.00	4.85
3.00	9.40	12.25	7.45	22.00	4.75
4.00	9.40	12.50	6.80	23.00	4.70
5.00	9.40	12.75	6.40	24.00	4.65
6.00	9.35	13.00	6.10	25.00	4.60
7.00	9.35	14.00	5.80	26.00	4.60
8.00	9.35	15.00	5.60	27.00	4.60
9.00	9.35	16.00	5.45	28.00	4.55
10.00	9.35	17.00	5.30	29.00	4.55
11.00	9.30	18.00	5.10	30.00	4.55
11.25	9.30				

Lake # 239 26 OCT 83 (Day 299) Time: 10 40 CDT
Air Temperature: 7 (C)
Cloud Cover: 5 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 7.3 (C)
Epilimnion Temperature: 7.2 (C)
Planar-Thermocline : 16.5 (M)

Wind: NW 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 30.5 (M)
Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.30	11.00	7.10	22.00	5.30
1.00	7.20	12.00	7.10	23.00	5.20
2.00	7.20	13.00	7.10	24.00	5.10
3.00	7.20	14.00	7.10	25.00	5.00
4.00	7.20	15.00	7.10	26.00	5.00
5.00	7.20	16.00	7.00	27.00	5.00
6.00	7.20	17.00	6.40	28.00	5.00
7.00	7.20	18.00	5.90	29.00	4.90
8.00	7.20	19.00	5.60	30.00	4.90
9.00	7.10	20.00	5.40	30.50	4.90
10.00	7.10	21.00	5.30		

Lake # 240 9 NOV 68 (Day 313) Time: 11 45 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 4.8 (C)
Epilimnion Temperature: 4.9 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: SNOW
Water Color: BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 8 (M)
Change at Planar-Thermo: -.100 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.80	3.00	4.90	6.00	4.90
1.00	4.90	4.00	4.90	7.00	4.90
2.00	4.90	5.00	4.90	8.00	4.90

Lake # 240 15 JAN 69 (Day 15) Time: 10 50 CDT
Air Temperature: -5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 0 (C)
Epilimnion Temperature: .5 (C)
Planar-Thermocline : 6.5 (M)

Wind: -
Weather Description: SNOW
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 11 (M)
Change at Planar-Thermo: -.700 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.00	4.00	2.00	8.00	3.30
1.00	0.50	5.00	2.20	9.00	3.50
2.00	1.10	6.00	2.40	10.00	3.60
3.00	1.70	7.00	3.10	11.00	3.80

Lake # 240 10 APR 69 (Day 100) Time:
Air Temperature:
Cloud Cover: 4 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .3 (C)
Epilimnion Temperature: 2.05 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description: CLEAR
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Therm: -. (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.30	5.00	3.23	10.00	3.95
1.00	2.05	6.00	3.36	11.00	4.08
2.00	2.65	7.00	3.55	12.00	4.25
3.00	2.98	8.00	3.75	13.00	4.28
4.00	3.13	9.00	3.88		

Lake # 240 7 MAY 69 (Day 127) Time: 13 15 CDT
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 10.78 (C)
Epilimnion Temperature: 10.78 (C)
Planar-Thermocline : 3.5 (M)
Wind: 27 - 37 KMPH
Weather Description: CLEAR
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Therm: 2.110 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.78	5.00	7.27	10.00	5.70
1.00	10.78	6.00	6.84	11.00	5.60
2.00	10.78	7.00	6.46	12.00	5.57
3.00	10.75	8.00	6.32	13.00	5.55
4.00	8.64	9.00	5.87		

Lake # 240 2 MAY 69 (Day 122) Time: 19 40 CD
Air Temperature: 4.5 (C)
Cloud Cover: 3 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.2 (C)
Epilimnion Temperature: 8.2 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description: CLEAR
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 11.7 (M
Change at Planar-Therm: 0.810 (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.20	5.00	7.18	9.00	5.65
1.00	8.20	6.00	6.37	10.00	5.35
2.00	8.18	7.00	6.10	11.00	5.32
3.00	8.14	8.00	5.82	11.70	5.32
4.00	7.43				

Lake # 240 12 MAY 69 (Day 132) Time: 08 30 CDT
Air Temperature: 7 (C)
Cloud Cover: 2 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.95 (C)
Epilimnion Temperature: 8.95 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description: CLEAR
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Therm: 1.410 (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.95	5.00	8.91	10.00	6.15
1.00	8.95	6.00	7.50	11.00	5.95
2.00	8.95	7.00	6.72	12.00	5.85
3.00	8.92	8.00	6.55	13.00	5.75
4.00	8.92	9.00	6.45		

Lake # 240 15 MAY 69 (Day 135) Time: 10 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3.7 (M)
Inflow Temperature:
Surface Temperature: 12.07 (C)
Epilimnion Temperature: 11.87 (C)
Planar-Thermocline : 6.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 1.230 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.07	5.00	9.32	10.00	5.98
1.00	11.87	6.00	8.54	11.00	5.95
2.00	11.58	7.00	7.33	12.00	5.83
3.00	10.88	8.00	6.45	13.00	5.82
4.00	9.77	9.00	6.22		

Lake # 240 21 MAY 69 (Day 141) Time: 11 25 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12 (C)
Epilimnion Temperature: 11.87 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 2.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.00	4.00	11.40	9.00	6.40
0.50	11.90	5.00	11.30	10.00	6.20
1.00	11.87	6.00	8.40	11.00	6.05
2.00	11.50	7.00	7.40	12.00	6.00
3.00	11.40	8.00	6.75	13.00	5.95

Lake # 240 26 MAY 69 (Day 146) Time: 11 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 13.5 (C)
Epilimnion Temperature: 12.9 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Thermo: 2.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.50	4.00	12.62	9.00	6.35
0.50	13.00	5.00	11.22	10.00	6.25
1.00	12.90	6.00	9.20	11.00	6.05
2.00	12.85	7.00	7.80	12.00	5.95
3.00	12.76	8.00	6.70	13.00	5.87

Lake # 240 30 MAY 69 (Day 150) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 17 (C)
Epilimnion Temperature: 17 (C)
Planar-Thermocline : 3.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.00	4.00	13.70	9.00	6.70
0.50	17.00	5.00	12.50	10.00	6.50
1.00	17.00	6.00	10.60	11.00	6.30
2.00	16.90	7.00	7.90	12.00	6.20
3.00	16.90	8.00	7.10	13.00	6.10

Lake # 240 5 JUN 69 (Day 156) Time: 11 16 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 14.05 (C)
Epilimnion Temperature: 14 (C)
Planar-Thermocline : 6.5 (M)
Wind: -
Weather Description: RAIN
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.05	5.00	12.30	10.00	6.45
1.00	14.00	6.00	12.10	11.00	6.30
2.00	13.90	7.00	8.50	12.00	6.20
3.00	13.25	8.00	7.30	13.00	6.10
4.00	12.84	9.00	6.75		

Lake # 240 17 JUN 69 (Day 168) Time: 11 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 15.4 (C)
Epilimnion Temperature: 15.4 (C)
Planar-Thermocline : 7.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 3.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.40	5.00	14.30	9.00	7.70
1.00	15.40	6.00	13.60	10.00	7.10
2.00	15.30	7.00	11.90	11.00	6.70
3.00	15.20	8.00	8.90	12.00	6.40
4.00	14.90				

Lake # 240 10 JUN 69 (Day 161) Time: 15 30 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 16.3 (C)
Epilimnion Temperature: 16.4 (C)
Planar-Thermocline : 3.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 2.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.30	5.00	12.90	10.00	6.80
1.00	16.40	6.00	11.90	11.00	6.50
2.00	16.30	7.00	9.50	12.00	6.30
3.00	16.30	8.00	8.10	13.00	6.20
4.00	13.60	9.00	7.30		

Lake # 240 24 JUN 69 (Day 175) Time: 11 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 4.7 (M)
Inflow Temperature:
Surface Temperature: 15.2 (C)
Epilimnion Temperature: 14.9 (C)
Planar-Thermocline : 6.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 2.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.20	4.00	14.60	8.00	8.00
1.00	14.90	5.00	14.10	9.00	7.40
2.00	14.70	6.00	12.00	10.00	6.90
3.00	14.60	7.00	9.40	12.00	6.40

Lake # 240 2 JUL 69 (Day 183) Time: 11 23 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.6 (C)
Epilimnion Temperature: 16.5 (C) Epilimnion Depth (1 C/M): 5.5 (M)
Planar-Thermocline : 6.5 (M) Change at Planar-Thermo: 3.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.60	5.00	15.50	10.00	7.50
1.00	16.50	6.00	12.60	11.00	7.20
2.00	16.10	7.00	9.60	12.00	6.90
3.00	16.00	8.00	8.60	13.00	6.80
4.00	15.90	9.00	7.70		

Lake # 240 8 JUL 69 (Day 189) Time: 10 50 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 3.5 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.5 (C)
Epilimnion Temperature: 17.6 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 3.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.50	5.00	15.30	9.00	8.00
1.00	17.60	6.00	12.30	10.00	7.60
2.00	17.60	7.00	10.90	11.00	7.30
3.00	17.50	8.00	8.90	12.00	6.90
4.00	17.40				

Lake # 240 25 AUG 69 (Day 237) Time: 10 15 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description: CLEAR
Secchi Visibility: 3.75 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.35 (C)
Epilimnion Temperature: 23.3 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 4.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.35	5.00	18.30	10.00	7.70
1.00	23.30	6.00	14.00	11.00	7.50
2.00	23.20	7.00	11.00	12.00	7.25
3.00	22.65	8.00	9.05	13.00	7.15
4.00	21.80	9.00	8.20		

Lake # 240 2 SEP 69 (Day 245) Time: 10 30 CDT
Air Temperature: Wind: 5 - 6 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22 (C)
Epilimnion Temperature: 22.1 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	5.00	18.70	10.00	8.20
1.00	22.10	6.00	14.30	11.00	7.90
2.00	22.10	7.00	11.60	12.00	7.50
3.00	22.10	8.00	9.50	13.00	7.30
4.00	22.10	9.00	8.60		

Lake # 240 6 SEP 69 (Day 249) Time: 11 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 21.5 (C)
Epilimnion Temperature: 21.5 (C)
Planar-Thermocline : 5.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.50	5.00	20.60	10.00	7.80
1.00	21.50	6.00	14.60	11.00	7.50
2.00	21.45	7.00	11.40	12.00	7.25
3.00	21.45	8.00	9.10	13.00	7.15
4.00	21.35	9.00	8.30		

Lake # 240 8 OCT 69 (Day 281) Time: 11 00 CDT
Air Temperature: 5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 10.6 (C)
Epilimnion Temperature: 10.62 (C)
Planar-Thermocline : 9.5 (M)

Wind: -
Weather Description: SNOW
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.5 (M)
Change at Planar-Thermo: 1.690 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.60	5.00	10.67	10.00	8.85
1.00	10.62	6.00	10.67	11.00	7.85
2.00	10.67	7.00	10.62	12.00	7.50
3.00	10.67	8.00	10.58	13.00	7.30
4.00	10.67	9.00	10.54		

Lake # 240 22 SEP 69 (Day 265) Time: 10 45 CDT
Air Temperature: 17 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 16.5 (C)
Epilimnion Temperature: 16.6 (C)
Planar-Thermocline : 7.5 (M)

Wind: 7 - 9 KMPH
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 4.100 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.50	5.00	16.50	10.00	8.20
1.00	16.60	6.00	16.30	11.00	7.80
2.00	16.60	7.00	14.30	12.00	7.60
3.00	16.60	8.00	10.20	13.00	7.50
4.00	16.50	9.00	8.80		

Lake # 240 21 OCT 69 (Day 294) Time: 15 15 CDT
Air Temperature: (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 5.7 (C)
Epilimnion Temperature: 5.8 (C)
Planar-Thermocline : .5 (M)

Wind: 5 - 11 KMPH
Weather Description:
Water Color: BROWN -ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 13 (M)
Change at Planar-Thermo: -.100 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.70	5.00	5.80	11.00	5.80
1.00	5.80	7.00	5.80	13.00	5.80
3.00	5.80	9.00	5.80		

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Lake # 240 5 NOV 69 (Day 309) Time: 06 45 CDT
Air Temperature: -1 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.9 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 2.2 (C)
Epilimnion Temperature: 3.5 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	2.20	5.00	3.40	10.00	3.65
1.00	3.50	6.00	3.40	11.00	3.65
2.00	3.60	7.00	3.40	12.00	3.65
3.00	3.60	8.00	3.60	13.00	3.65
4.00	3.60	9.00	3.60		

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Lake # 240 24 FEB 70 (Day 55) Time: 11 00 CST
Air Temperature: -10 (C) Wind: -
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .4 (C)
Epilimnion Temperature: 1.38 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.40	5.00	3.22	10.00	3.95
1.00	1.38	6.00	3.38	11.00	4.12
2.00	2.52	7.00	3.55	12.00	4.37
3.00	2.90	8.00	3.70	13.00	4.78
4.00	3.08	9.00	3.82	13.20	4.78

****

Lake # 240 19 JAN 70 (Day 19) Time: 16 30 CST
Air Temperature: -28.8 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .3 (C)
Epilimnion Temperature: 1.2 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.30	5.00	2.96	10.00	3.76
1.00	1.20	6.00	3.16	11.00	3.93
2.00	2.33	7.00	3.22	12.00	4.22
3.00	2.63	8.00	3.47	13.00	4.62
4.00	2.81	9.00	3.58	13.20	4.64

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Lake # 240 7 MAY 70 (Day 127) Time: 11 30 CDT
Air Temperature: 18.3 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 1.2 (C)
Epilimnion Temperature: 3.95 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.20	5.00	4.00	10.00	4.21
1.00	3.95	6.00	3.97	11.00	4.30
2.00	4.00	7.00	3.97	12.00	4.45
3.00	4.00	8.00	4.13	13.00	4.68
4.00	4.00	9.00	4.13	13.20	4.85

****

Lake # 240 14 MAY 70 (Day 134) Time: 10 20 CDT
Air Temperature: 3.5 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.2 (C)
Epilimnion Temperature: 4.15 (C) Epilimnion Depth (1 C/M): 13 (M)
Planar-Thermocline : 11.5 (M) Change at Planar-Thermo: -.290 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.20	5.00	4.06	10.00	4.00
1.00	4.15	6.00	4.04	11.00	4.00
2.00	4.10	7.00	4.03	12.00	4.29
3.00	4.10	8.00	4.00	13.00	4.50
4.00	4.10	9.00	4.00		

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Lake # 240 16 MAY 70 (Day 136) Time: 14 30 CDT
Air Temperature: 15.8 (C) Wind: 8 - 13 KMPH
Cloud Cover: 9 /10 Weather Description: WIND VARIES
Secchi Visibility: 3.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5 (C)
Epilimnion Temperature: 4.92 (C) Epilimnion Depth (1 C/M): 13.3 (M)
Planar-Thermocline : 13.15 (M) Change at Planar-Thermo: -.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.00	5.00	4.55	10.00	4.40
1.00	4.92	6.00	4.28	11.00	4.40
2.00	4.75	7.00	4.45	12.00	4.40
3.00	4.76	8.00	4.45	13.00	4.38
4.00	4.75	9.00	4.43	13.30	4.56

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Lake # 240 19 MAY 70 (Day 139) Time: 08 00 CDT
Air Temperature: 2.2222 (C) Wind: 6 - 10 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.44 (C)
Epilimnion Temperature: 6.44 (C) Epilimnion Depth (1 C/M): 13.2 (M)
Planar-Thermocline : 8.5 (M) Change at Planar-Thermo: 0.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.44	5.00	6.43	10.00	5.65
1.00	6.44	6.00	6.39	11.00	5.59
2.00	6.44	7.00	6.33	12.00	5.36
3.00	6.43	8.00	6.14	13.00	5.27
4.00	6.43	9.00	5.86	13.20	5.27

****

Lake # 240 27 MAY 70 (Day 147) Time: 11 00 CDT
Air Temperature: 15 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.08 (C)
Epilimnion Temperature: 10.05 (C) Epilimnion Depth (1 C/M): 6.5 (M)
Planar-Thermocline : 6.5 (M) Change at Planar-Thermo: 2.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.08	5.00	9.53	9.00	6.13
1.00	10.05	6.00	9.18	10.00	6.04
2.00	10.04	7.00	6.74	11.00	6.03
3.00	9.75	8.00	6.37	12.00	5.90
4.00	9.75				

Lake # 240 3 JUN 70 (Day 154) Time: 13 05 CDT
Air Temperature: 23.5 (C) Wind: 6 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.3 (C)
Epilimnion Temperature: 15.15 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 3.950 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.30	5.00	9.32	10.00	6.24
1.00	15.15	6.00	8.10	11.00	6.05
2.00	15.01	7.00	7.17	12.00	6.00
3.00	11.06	8.00	6.80	13.00	5.92
4.00	10.15	9.00	6.48		

Lake # 240 18 JUN 70 (Day 169) Time:
Air Temperature: 12.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.3 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.96 (C)
Epilimnion Temperature: 19.01 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 6.950 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.96	5.00	9.88	10.00	6.42
1.00	19.01	6.00	8.11	11.00	6.53
2.00	19.01	7.00	7.74	12.00	6.42
3.00	18.98	8.00	7.03	13.10	6.39
4.00	12.03	9.00	6.64		

Lake # 240 10 JUN 70 (Day 161) Time: 10 50 CDT
Air Temperature: 19.7 (C) Wind: 0 - 2 KMPH
Cloud Cover: Weather Description:WIND VARIES
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.95 (C)
Epilimnion Temperature: 21 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 5.330 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.95	5.00	9.74	10.00	6.53
1.00	21.00	6.00	8.22	[illegible]	6.38
2.00	20.89	7.00	7.25	12.00	6.20
3.00	15.77	8.00	6.91	13.10	6.15
4.00	10.44	9.00	6.58		

Lake # 240 8 JUL 70 (Day 189) Time: 10 40 CDT
Air Temperature: 27.47 (C) Wind: 0 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.42 (C)
Epilimnion Temperature: 21.42 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.42	4.50	15.90	7.00	7.80
0.50	21.42	4.75	17.10	8.00	7.42
1.00	21.42	4.75	13.45	9.00	7.05
2.00	21.30	5.00	11.80	10.00	6.90
3.00	21.18	5.25	11.60	11.00	6.75
3.50	20.12	5.50	10.85	12.00	6.60
3.75	19.16	5.75	10.50	13.00	6.55
4.00	18.48	6.00	8.90		

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Lake # 240 15 JUL 70 (Day 196) Time: 10 30 CDT
Air Temperature: 27 (C) Wind: 3 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.43 (C)
Epilimnion Temperature: 23.43 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 9.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.43	4.25	16.81	7.00	7.58
1.00	23.43	4.50	16.00	8.00	7.03
2.00	23.41	4.75	13.75	9.00	6.70
3.00	22.36	5.00	12.06	10.00	6.48
3.25	21.97	5.25	10.89	12.00	6.24
3.50	21.42	5.50	10.40	13.00	6.12
3.75	20.15	5.75	10.15	13.10	6.12
4.00	17.90	6.00	9.06		

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Lake # 240 22 JUL 70 (Day 203) Time:
Air Temperature: 21.65 (C) Wind: 3 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.15 (C)
Epilimnion Temperature: 22.18 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.15	4.50	16.85	8.00	7.60
1.00	22.18	4.75	14.50	9.00	7.20
2.00	22.14	5.00	13.20	10.00	7.00
3.00	22.14	5.25	12.20	11.00	6.80
3.50	22.10	5.50	11.60	12.00	6.60
3.75	22.09	6.00	10.20	13.00	6.55
4.00	19.10	7.00	8.10	14.00	6.55
4.25	17.50				

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Lake # 240 29 JUL 70 (Day 210) Time:
Air Temperature: 24.7 (C) Wind: 0 - 2 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.75 (C)
Epilimnion Temperature: 23.7 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 5.25 (M) Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.75	4.50	18.20	8.00	7.00
1.00	23.70	5.00	15.80	9.00	6.60
2.00	23.65	5.50	11.50	10.00	6.30
3.00	21.90	6.00	10.40	11.00	6.05
3.50	21.50	6.50	8.65	12.00	5.95
4.00	20.90	7.00	7.50	13.00	5.85

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Lake # 240 5 AUG 70 (Day 217) Time:
Air Temperature: 18.2 (C) Wind: 0 - 2 KMPH
Cloud Cover: 0 /10 Weather Description: WIND VARIES
Secchi Visibility: 4.1 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.03 (C)
Epilimnion Temperature: 21 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.25 (M) Change at Planar-Thermo: 8.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.03	5.00	16.08	9.00	7.08
1.00	21.00	5.50	11.73	10.00	6.48
2.00	21.00	6.00	10.38	11.00	6.28
3.00	20.99	7.00	8.23	12.00	6.03
4.00	20.64	8.00	7.73	13.00	5.95
4.50	19.60				

Lake # 240 12 AUG 70 (Day 224) Time:
Air Temperature: 27.2 (C) Wind: 2 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 24.58 (C)
Epilimnion Temperature: 24.38 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.25 (M) Change at Planar-Thermo: 9.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.58	5.00	16.68	9.00	7.08
1.00	24.38	5.50	13.18	10.00	6.68
2.00	24.13	6.00	11.08	11.00	6.28
3.00	23.18	7.00	8.53	12.00	6.18
4.00	23.43	8.00	7.58	13.20	5.98
4.50	18.58				

Lake # 240 26 AUG 70 (Day 238) Time: 09 00 CDT
Air Temperature: 17 (C) Wind: 0 - 2 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.98 (C)
Epilimnion Temperature: 19.98 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.25 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.98	5.50	10.88	9.00	6.48
1.00	19.98	6.00	9.08	10.00	6.28
2.00	19.98	6.50	8.28	11.00	6.08
3.00	19.93	7.00	7.58	12.00	6.08
4.00	19.08	7.50	7.18	12.80	6.08
5.00	14.88	8.00	6.78		

Lake # 240 19 AUG 70 (Day 231) Time:
Air Temperature: 15.5 (C) Wind: 0 - 2 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.89 (C)
Epilimnion Temperature: 21.01 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 5.210 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.89	5.00	16.69	9.00	7.06
1.00	21.01	6.00	11.48	10.00	6.60
2.00	21.04	6.50	9.47	11.00	6.41
3.00	21.06	7.00	8.68	12.00	6.22
4.00	20.98	8.00	7.58	12.80	6.10

Lake # 240 2 SEP 70 (Day 245) Time: 09 45 CDT
Air Temperature: 18.8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.93 (C)
Epilimnion Temperature: 18.93 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 5.75 (M) Change at Planar-Thermo: 6.540 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.93	5.50	15.91	9.00	6.97
1.00	18.93	6.00	12.64	10.00	6.57
2.00	18.93	6.50	10.71	11.00	6.29
3.00	18.93	7.00	8.96	12.00	6.16
4.00	18.91	8.00	7.57	13.00	6.11
5.00	18.01				

Lake # 240 9 SEP 70 (Day 252) Time: 10 50 CDT
Air Temperature: 19.7 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 16.6 (C)
Epilimnion Temperature: 16.62 (C)
Planar-Thermocline : 6.5 (M)

Wind: 0 - 2 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 5.980 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.60	5.00	16.51	10.00	6.91
1.00	16.62	6.00	15.60	11.00	6.98
2.00	16.59	7.00	9.62	12.00	6.35
3.00	16.58	8.00	7.89	13.10	6.20
4.00	16.58	9.00	7.15		

Lake # 240 23 SEP 70 (Day 266) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 13.68 (C)
Epilimnion Temperature: 13.72 (C)
Planar-Thermocline : 7.75 (M)

Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 5.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.68	6.00	13.68	10.00	6.83
1.00	13.72	7.00	12.63	11.00	6.48
2.00	13.72	7.50	11.00	12.00	6.28
3.00	13.72	8.00	8.08	13.00	6.23
4.00	13.72	8.50	7.90	13.10	6.21
5.00	13.71	9.00	7.25		

Lake # 240 16 SEP 70 (Day 259) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 4 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 13.47 (C)
Epilimnion Temperature: 13.45 (C)
Planar-Thermocline : 7.25 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 4.540 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.47	6.00	13.41	10.00	6.72
1.00	13.45	7.00	11.71	11.00	6.41
2.00	13.44	7.50	9.44	12.00	6.22
3.00	13.43	8.00	8.28	13.00	6.14
4.00	13.42	8.50	7.57	13.80	6.10
5.00	13.42	9.00	7.21		

Lake # 240 1 OCT 70 (Day 274) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.75 (C)
Epilimnion Temperature: 12.74 (C)
Planar-Thermocline : 8.25 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 7.25 (M)
Change at Planar-Thermo: 4.540 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.75	6.00	12.67	10.00	6.78
1.00	12.74	7.00	11.90	11.00	6.52
2.00	12.72	7.50	11.32	12.00	6.38
3.00	12.70	8.00	10.35	13.00	6.32
4.00	12.69	8.50	8.08	13.20	6.30
5.00	12.67	9.00	7.22		

Lake # 240 7 OCT 70 (Day 280) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 10.52 (C)
Epilimnion Temperature: 10.68 (C)
Planar-Thermocline : 9.75 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.25 (M)
Change at Planar-Therm: 3.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.52	5.00	10.68	9.50	9.55
1.00	10.68	6.00	10.68	10.00	7.63
2.00	10.68	7.00	10.68	11.00	6.49
3.00	10.68	8.00	10.65	12.00	6.36
4.00	10.68	9.00	10.42	12.50	6.32

Lake # 240 21 OCT 70 (Day 294) Time: 09 30 CDT
Air Temperature:
Cloud Cover: 1 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 6.76 (C)
Epilimnion Temperature: 6.76 (C)
Planar-Thermocline : 12.5 (M)
Wind: 0 - 2 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 13 (M)
Change at Planar-Therm: 0.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.76	5.00	6.72	10.00	6.70
1.00	6.76	6.00	6.71	11.00	6.67
2.00	6.74	7.00	6.71	12.00	6.66
3.00	6.72	8.00	6.70	13.00	6.58
4.00	6.72	9.00	6.70		

Lake # 240 15 OCT 70 (Day 288) Time:
Air Temperature: 2.5 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 6.6 (C)
Epilimnion Temperature: 6.6 (C)
Planar-Thermocline : 11.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 13 (M)
Change at Planar-Therm: 0.090 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.60	5.00	6.52	10.00	6.50
1.00	6.60	6.00	6.51	11.00	6.49
2.00	6.57	7.00	6.50	12.00	6.40
3.00	6.56	8.00	6.50	13.00	6.40
4.00	6.54	9.00	6.50		

Lake # 240 9 NOV 70 (Day 313) Time: 09 30 CST
Air Temperature: 0 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 4.8 (C)
Epilimnion Temperature: 4.8 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 13 (M)
Change at Planar-Therm: 0.020 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.80	5.00	4.80	10.00	4.78
1.00	4.80	6.00	4.78	11.00	4.78
2.00	4.80	7.00	4.78	12.00	4.78
3.00	4.80	8.00	4.78	13.00	4.78
4.00	4.79	9.00	4.78		

Lake # 240 8 DEC 70 (Day 342) Time: 13 30 CDT
Air Temperature: -6 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .1 (C)
Epilimnion Temperature: 1.1 (C)
Planar-Thermocline : 13.05 (M)
Wind: 3 - 6 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.10	5.00	1.90	10.00	2.90
1.00	1.10	6.00	2.03	11.00	3.02
2.00	1.30	7.00	2.30	12.00	3.45
3.00	1.50	8.00	2.50	13.00	3.85
4.00	1.74	9.00	2.68	13.10	3.96

Lake # 240 27 APR 71 (Day 117) Time: 16 00 CST
Air Temperature: 7.21 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 4.53 (C)
Epilimnion Temperature: 4.52 (C)
Planar-Thermocline : 11.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 13 (M)
Change at Planar-Thermo: 0.350 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.53	4.00	4.49	9.00	4.41
0.50	4.52	5.00	4.48	10.00	4.40
1.00	4.52	6.00	4.47	11.00	4.36
2.00	4.49	7.00	4.44	12.00	4.01
3.00	4.49	8.00	4.42	13.00	4.27

Lake # 240 26 APR 71 (Day 116) Time: 19 00 CST
Air Temperature: 4.4 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 5.22 (C)
Epilimnion Temperature: 5.05 (C)
Planar-Thermocline : 11.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 13.5 (M)
Change at Planar-Thermo: -.460 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.22	5.00	3.99	10.00	3.79
0.50	5.09	6.00	3.98	11.00	3.73
1.00	5.05	7.00	3.91	12.00	4.19
2.00	4.74	8.00	3.89	13.00	4.30
3.00	4.50	9.00	3.84	13.50	4.38
4.00	4.18				

Lake # 240 29 APR 71 (Day 119) Time: 10 00 CDT
Air Temperature: 9.2 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 4.61 (C)
Epilimnion Temperature: 4.61 (C)
Planar-Thermocline : 10.1 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 10.2 (M)
Change at Planar-Thermo: 0.350 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.61	4.00	4.47	8.00	4.24
1.00	4.61	5.00	4.41	9.00	4.18
2.00	4.51	6.00	4.33	10.00	4.15
3.00	4.50	7.00	4.29	10.20	4.08

Lake # 240 0 MAY 71 (Day 120) Time: 18 00 CDT
Air Temperature: 2 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 4.49 (C)
Epilimnion Temperature: 4.5 (C)
Planar-Thermocline : 13.1 (M)
Wind: -
Weather Description: RAIN & SNOW
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 13.2 (M)
Change at Planar-Thermo: -.150 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.49	5.00	4.45	10.00	4.19
1.00	4.50	6.00	4.37	11.00	4.13
2.00	4.50	7.00	4.28	12.00	4.18
3.00	4.49	8.00	4.24	13.00	4.28
4.00	4.48	9.00	4.22	13.20	4.31

Lake # 240 1 MAY 71 (Day 121) Time: 14 45 CDT
Air Temperature: 9.8 (C)
Cloud Cover: 7 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 4.64 (C)
Epilimnion Temperature: 4.61 (C)
Planar-Thermocline : 13.05 (M)
Wind: 16 - 24 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 13.1 (M)
Change at Planar-Thermo: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.64	5.00	4.49	10.00	4.49
1.00	4.61	6.00	4.49	11.00	4.49
2.00	4.58	7.00	4.49	12.00	4.49
3.00	4.55	8.00	4.49	13.00	4.44
4.00	4.50	9.00	4.49	13.10	4.41

Lake # 240 2 MAY 71 (Day 122) Time:
Air Temperature: 14.5 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 5.65 (C)
Epilimnion Temperature: 5.39 (C)
Planar-Thermocline : 2.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 13.1 (M)
Change at Planar-Thermo: 0.290 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.65	5.00	4.79	10.00	4.61
1.00	5.39	6.00	4.79	11.00	4.49
2.00	5.18	7.00	4.78	12.00	4.44
3.00	4.89	8.00	4.74	13.00	4.38
4.00	4.86	9.00	4.68	13.10	4.37

Lake # 240 3 MAY 71 (Day 123) Time: 16 30 CST
Air Temperature: 15 (C)
Cloud Cover: 4 /10
Secchi Visibility: 4.1 (M)
Inflow Temperature:
Surface Temperature: 5.85 (C)
Epilimnion Temperature: 5.74 (C)
Planar-Thermocline : 7.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 13.2 (M)
Change at Planar-Thermo: 0.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.85	5.00	5.60	10.00	4.59
1.00	5.74	6.00	5.52	11.00	4.56
2.00	5.71	7.00	5.33	12.00	4.44
3.00	5.70	8.00	4.77	13.00	4.43
4.00	5.68	9.00	4.59	13.20	4.43

Lake # 240 24 MAY 71 (Day 144) Time: 10 45 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3.1 (M)
Inflow Temperature:
Surface Temperature: 10.88 (C)
Epilimnion Temperature: 10.8 (C)
Planar-Thermocline : 6.25 (M)

Wind: 10 - 15 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.25 (M)
Change at Planar-Thermo: 4.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.88	5.50	9.53	9.00	5.52
1.00	10.80	6.00	9.02	10.00	5.39
2.00	10.90	6.50	6.88	11.00	5.28
3.00	10.90	7.00	6.13	12.00	5.21
4.00	10.45	8.00	5.92	13.00	5.18
5.00	10.10				

Lake # 240 17 JUN 71 (Day 168) Time: 10 30 CDT
Air Temperature: 19 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 21.28 (C)
Epilimnion Temperature: 21.3 (C)
Planar-Thermocline : 2.125 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.28	3.50	17.08	7.00	7.90
1.00	21.30	3.75	15.91	8.00	7.11
2.00	21.28	4.00	14.85	9.00	6.60
2.25	19.88	4.25	14.31	10.00	6.18
2.50	19.21	4.50	13.55	11.00	5.88
2.75	18.68	4.75	12.62	12.00	5.60
3.00	18.28	5.00	12.07	13.00	5.50
3.25	17.80	6.00	9.50		

Lake # 240 7 JUN 71 (Day 158) Time: 10 40 CDT
Air Temperature: 12.9 (C)
Cloud Cover: 3 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 18.27 (C)
Epilimnion Temperature: 18.28 (C)
Planar-Thermocline : 5.125 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.625 (M)
Change at Planar-Thermo: 5.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.27	3.25	15.00	6.00	9.74
1.00	18.28	3.50	14.29	7.00	8.07
2.00	18.22	4.00	13.80	8.00	6.95
2.25	18.19	5.00	12.20	9.00	6.28
2.50	18.20	5.25	10.79	10.00	6.89
2.75	17.40	5.50	10.52	11.00	5.58
3.00	16.20	5.75	10.12	12.00	5.50

Lake # 240 5 JUL 71 (Day 186) Time: 10 20 CDT
Air Temperature:
Cloud Cover: 1 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 21.11 (C)
Epilimnion Temperature: 21.11 (C)
Planar-Thermocline : 5.25 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.11	5.00	19.35	9.00	7.60
1.00	21.11	5.50	12.69	10.00	7.01
2.00	21.21	6.00	11.32	11.00	6.72
3.00	21.11	7.00	9.65	12.00	6.42
4.00	20.92	8.00	8.28	13.00	6.33

Lake # 240 15 JUL 71 (Day 196) Time: 10 29 CDT
Air Temperature:
Cloud Cover: 3 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 20.85 (C)
Epilimnion Temperature: 20.85 (C)
Planar-Thermocline : 5.125 (M)
Wind: 3 - 6 KMPH
Weather Description:
Water Color: BROWN -ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.85	5.00	19.00	8.00	7.25
1.00	20.85	5.25	15.40	9.00	6.50
2.00	20.77	5.50	13.62	10.00	6.21
3.00	20.59	5.75	12.50	11.00	6.01
4.00	20.02	6.00	10.81	12.00	5.85
4.50	19.67	6.50	10.02	12.50	5.70
4.75	19.28	7.00	8.95		

Lake # 240 12 AUG 71 (Day 224) Time: 10 20 CDT
Air Temperature: 21 (C)
Cloud Cover: 2 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 20.7 (C)
Epilimnion Temperature: 20.7 (C)
Planar-Thermocline : 4.125 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.70	4.75	16.95	8.00	8.90
1.00	20.70	5.00	16.60	9.00	7.43
2.00	20.65	5.25	16.15	10.00	6.85
3.00	20.65	5.50	15.30	11.00	6.50
4.00	20.50	6.00	13.98	12.00	6.10
4.25	18.60	6.50	11.65	13.00	6.10
4.50	17.40	7.00	10.35		

Lake # 240 2 AUG 71 (Day 214) Time: 09 55 CDT
Air Temperature: 14.8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 16.71 (C)
Epilimnion Temperature: 16.72 (C)
Planar-Thermocline : 5.875 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: 7.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.71	5.50	16.50	9.00	7.00
1.00	16.72	5.75	16.22	10.00	6.45
2.00	16.75	6.00	14.25	11.00	6.15
3.00	16.75	6.50	10.75	12.00	6.00
4.00	16.75	7.00	9.35	12.80	5.98
5.00	16.72	8.00	8.20		

Lake # 240 30 AUG 71 (Day 242) Time: 10 05 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 20.24 (C)
Epilimnion Temperature: 20.1 (C)
Planar-Thermocline : 5.375 (M)
Wind: 3 - 6 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 6.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.24	5.25	17.74	8.00	9.15
1.00	20.10	5.50	16.19	9.00	7.74
2.00	19.94	5.75	15.53	10.00	7.05
3.00	19.73	6.00	14.70	12.00	6.34
4.00	19.48	6.50	12.09	12.60	6.26
5.00	18.36	7.00	11.04		

Lake # 240 13 SEP 71 (Day 256) Time: 10 00 CDT
Air Temperature: 20.3 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 18.95 (C)
Epilimnion Temperature: 18.94 (C)
Planar-Thermocline : 5.875 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.375 (M)
Change at Planar-Thermo: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.95	5.75	16.64	8.00	9.45
1.00	18.94	6.00	14.82	9.00	8.09
2.00	18.94	6.25	14.45	10.00	7.34
3.00	18.92	6.50	12.64	11.00	6.84
4.00	18.86	7.00	11.89	12.00	6.69
5.00	18.55	7.50	10.63	13.00	6.64

Lake # 240 18 OCT 71 (Day 291) Time: 09 20 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 9.42 (C)
Epilimnion Temperature: 9.39 (C)
Planar-Thermocline : 10.75 (M)
Wind: 3 - 6 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 10.75 (M)
Change at Planar-Thermo: 2.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.42	6.00	9.25	11.00	7.25
1.00	9.39	7.00	9.25	11.50	6.87
2.00	9.35	8.00	9.14	12.00	6.75
3.00	9.33	9.00	9.12	13.00	6.62
4.00	9.29	10.00	8.83	13.25	6.62
5.00	9.27	10.50	8.60		

Lake # 240 4 OCT 71 (Day 277) Time: 10 15 CDT
Air Temperature: 9.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 12.82 (C)
Epilimnion Temperature: 12.84 (C)
Planar-Thermocline : 8.25 (M)
Wind: 24 - 32 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.25 (M)
Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.82	5.00	12.83	9.00	8.59
1.00	12.84	6.00	12.83	10.00	7.49
2.00	12.84	7.00	12.83	11.00	7.89
3.00	12.84	8.00	11.95	12.00	7.84
4.00	12.84	8.50	9.55	12.70	7.74

Lake # 240 10 NOV 71 (Day 314) Time: 10 30 CST
Air Temperature: 0 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 3.15 (C)
Epilimnion Temperature: 3.2 (C)
Planar-Thermocline : 4.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 12.8 (M)
Change at Planar-Thermo: -.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.15	5.00	3.39	10.00	3.52
1.00	3.20	6.00	3.43	11.00	3.55
2.00	3.22	7.00	3.44	12.00	3.62
3.00	3.24	8.00	3.46	12.80	3.65
4.00	3.31	9.00	3.48		

Lake # 240 15 DEC 71 (Day 349) Time: 11 30 CST
Air Temperature: -3.8 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 3.15 (C)
Epilimnion Temperature: 1.46 (C)
Planar-Thermocline : .375 (M)
Wind: -
Weather Description: RAIN
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .375 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.46	4.00	1.96	9.00	2.66
0.50	0.80	5.00	2.07	10.00	2.82
1.00	1.46	6.00	2.24	11.00	3.04
2.00	1.72	7.00	2.42	12.00	3.25
3.00	1.88	8.00	2.54	12.90	3.54

Lake # 240 16 FEB 72 (Day 47) Time: 11 36 CST
Air Temperature: -6.6 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .29 (C)
Epilimnion Temperature: .79 (C)
Planar-Thermocline : 1.5 (M)
Wind: 0 - 2 KMPH
Weather Description: SUNNY
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 12.9 (M)
Change at Planar-Therm: -.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.29	4.00	2.51	9.00	3.48
0.50	0.41	5.00	2.71	10.00	3.60
1.00	0.79	6.00	2.90	11.00	3.81
2.00	1.71	7.00	3.11	12.00	4.20
3.00	1.71	8.00	3.32	12.90	4.24

Lake # 240 20 JAN 72 (Day 20) Time: 11 30 CST
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .33 (C)
Epilimnion Temperature: .8 (C)
Planar-Thermocline : 1.5 (M)
Wind: 24 - 32 KMPH
Weather Description: SUNNY
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 12.8 (M)
Change at Planar-Therm: -.620 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.33	5.00	2.28	10.00	3.35
1.00	0.80	6.00	2.58	11.00	3.58
2.00	1.42	7.00	2.85	12.00	3.92
3.00	1.87	8.00	3.03	12.80	4.00
4.00	2.17	9.00	3.18		

Lake # 240 6 APR 72 (Day 96) Time: 13 00 CST
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .41 (C)
Epilimnion Temperature: .82 (C)
Planar-Thermocline : 1.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.41	5.00	2.90	10.00	3.71
1.00	0.82	6.00	3.05	11.00	3.88
2.00	2.00	7.00	3.29	12.00	4.13
3.00	2.40	8.00	3.41	12.80	4.22
4.00	2.71	9.00	3.59		

Lake # 240 16 MAY 72 (Day 136) Time: 10 25 CDT
Air Temperature: 15.5 (C) Wind: 16 - 32 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.76 (C)
Epilimnion Temperature: 11.69 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.76	3.00	7.71	8.00	5.29
1.00	11.69	4.00	6.49	9.00	5.22
2.00	11.02	5.00	5.99	10.00	5.21
2.25	10.50	6.00	5.56	11.00	5.11
2.50	10.16	7.00	5.33	11.50	5.11
2.75	9.51				

Lake # 240 11 JUL 72 (Day 192) Time: 10 45 CDT
Air Temperature: 22 (C) Wind: 8 - 16 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21 (C)
Epilimnion Temperature: 21 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0:00	21.00	4.50	15.73	7.00	7.30
1.00	21.00	4.75	13.81	8.00	6.36
2.00	20.91	5.00	12.49	9.00	5.87
3.00	20.80	5.25	11.39	10.00	5.46
3.75	18.96	5.50	10.36	11.00	5.39
4.00	17.01	5.75	9.99	12.20	5.32
4.25	16.36	6.00	9.06		

Lake # 240 13 JUN 72 (Day 164) Time:
Air Temperature: 15.556 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.91 (C)
Epilimnion Temperature: 18.9 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.91	4.00	13.36	7.00	6.01
1.00	18.90	4.25	10.46	8.00	5.56
2.00	18.90	4.50	9.62	9.00	5.31
3.00	18.90	4.75	8.86	10.00	5.26
3.50	16.91	5.00	8.22	11.00	5.21
3.75	16.21	6.00	6.60	12.00	5.21

Lake # 240 15 AUG 72 (Day 227) Time: 10 20 CDT
Air Temperature: 15.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.97 (C)
Epilimnion Temperature: 19.97 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.97	5.25	16.49	8.00	8.14
1.00	19.97	5.50	15.20	9.00	6.17
2.00	19.97	5.75	13.86	10.00	5.98
3.00	19.16	6.00	11.91	11.00	5.65
4.00	18.62	7.00	9.91	12.00	5.54
5.00	17.52				

Lake # 240 12 SEP 72 (Day 255) Time: 10 15 CDT
Air Temperature: 18.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 17.32 (C)
Epilimnion Temperature: 17.26 (C)
Planar-Thermocline : 6.375 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.32	6.00	17.02	8.00	8.24
1.00	17.26	6.25	16.58	9.00	7.24
2.00	17.25	6.50	13.94	10.00	6.74
3.00	17.22	6.75	11.66	11.00	6.34
4.00	17.21	7.00	10.25	12.00	6.11
5.00	17.13	7.50	8.87	12.60	6.08

Lake # 240 29 JUN 74 (Day 180) Time: 13 00 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 22.3 (C)
Epilimnion Temperature: 22.31 (C)
Planar-Thermocline : 3.375 (M)

Wind: -
Weather Description: FIRE E SHORE
Water Color:
Outflow Temperature: 23 (C)

Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.30	4.00	16.00	7.00	6.70
1.00	22.31	4.25	14.60	8.00	6.21
2.00	22.20	4.50	13.05	9.00	6.00
3.00	22.29	4.75	12.70	10.00	5.82
3.25	22.20	5.00	12.10	11.00	5.71
3.50	18.69	6.00	7.75	12.00	5.70
3.75	17.45				

Lake # 240 12 OCT 72 (Day 285) Time: 11 00 CDT
Air Temperature: 1.6 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 8.49 (C)
Epilimnion Temperature: 8.49 (C)
Planar-Thermocline : .5 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 12.5 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.49	4.00	8.49	8.00	8.49
1.00	8.49	5.00	8.49	9.00	8.49
2.00	8.49	6.00	8.49	12.00	8.49
3.00	8.49	7.00	8.49	12.50	8.49

Lake # 240 19 MAY 75 (Day 139) Time: 10 30 CDT
Air Temperature: 17 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 14.28 (C)
Epilimnion Temperature: 14.26 (C)
Planar-Thermocline : 3.875 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.28	4.00	10.52	9.00	5.72
1.00	14.26	4.50	10.39	10.00	5.35
2.00	14.21	5.00	7.64	11.00	5.32
3.00	14.16	6.00	7.15	12.00	5.26
3.50	14.10	7.00	6.34	13.00	5.22
3.75	13.08	8.00	6.02		

Lake # 240 16 JUN 75 (Day 167) Time: 09 50 CDT
Air Temperature: 15 (C) Wind: 8 - 16 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.72 (C)
Epilimnion Temperature: 17.45 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.72	4.50	14.85	7.00	6.77
1.00	17.45	4.75	13.74	8.00	6.18
2.00	17.39	5.00	12.22	9.00	5.59
3.00	17.23	5.25	10.66	10.00	5.34
3.50	17.18	5.50	9.94	11.00	5.26
4.00	16.74	5.75	9.12	12.00	5.09
4.25	16.48	6.00	8.12	12.80	5.07

Lake # 240 14 JUL 75 (Day 195) Time: 09 15 CDT
Air Temperature: 23 (C) Wind: 0 - 8 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.71 (C)
Epilimnion Temperature: 20.71 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.25 (M) Change at Planar-Thermo: 9.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.71	5.00	16.96	9.00	5.99
1.00	20.71	5.50	11.98	10.00	5.66
2.00	20.51	6.00	10.10	11.00	5.42
3.00	20.42	7.00	7.51	12.00	5.34
4.00	20.21	8.00	6.44	12.70	5.55
4.50	19.20				

Lake # 240 4 JUL 75 (Day 185) Time: 08 00 CDT
Air Temperature: 25 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 24.47 (C)
Epilimnion Temperature: 24.47 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 9.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.47	4.25	20.19	5.75	11.31
1.00	24.47	4.50	17.82	6.00	10.98
2.00	24.47	4.75	15.99	6.50	9.91
3.00	23.79	5.00	14.85	7.00	8.02
3.75	22.63	5.25	14.21	7.50	7.21
4.00	21.74	5.50	13.73	7.75	7.02

Lake # 240 11 AUG 75 (Day 223) Time: 10 30 CDT
Air Temperature: 18 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.53 (C)
Epilimnion Temperature: 20.53 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.53	5.25	18.90	8.00	7.10
1.00	20.53	5.50	15.88	9.00	6.61
2.00	20.53	5.75	13.67	10.00	5.75
3.00	20.53	6.00	11.74	11.00	5.62
4.00	20.53	6.50	9.37	12.00	5.53
5.00	20.21	7.00	8.88	12.50	5.48

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Lake # 240 8 SEP 75 (Day 251) Time: 09 50 CDT
Air Temperature: 15 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 15.79 (C)
Epilimnion Temperature: 15.86 (C)
Planar-Thermocline : 6.625 (M)
Wind: -
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: 7.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.79	6.25	14.61	8.50	7.24
1.00	15.86	6.50	14.59	9.00	7.10
2.00	15.84	6.75	12.67	10.00	6.27
3.00	15.82	7.00	11.73	11.00	5.96
4.00	15.79	7.50	8.79	12.00	5.74
5.00	15.72	8.00	7.96	12.50	5.62
6.00	15.43				

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Lake # 240 6 OCT 75 (Day 279) Time: 09 40 CDT
Air Temperature: 9.1 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 11.36 (C)
Epilimnion Temperature: 11.45 (C)
Planar-Thermocline : 9.75 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.25 (M)
Change at Planar-Thermo: 3.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.36	5.00	11.45	9.50	9.20
1.00	11.45	6.00	11.45	10.00	7.48
2.00	11.45	7.00	11.45	11.00	6.20
3.00	11.45	8.00	11.36	12.00	6.07
4.00	11.45	9.00	10.80	12.70	6.04

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Lake # 240 3 NOV 75 (Day 307) Time: 10 10 CST
Air Temperature: 9 (C)
Cloud Cover: 2 /10
Secchi Visibility: 3.1 (M)
Inflow Temperature:
Surface Temperature: 6.29 (C)
Epilimnion Temperature: 6.29 (C)
Planar-Thermocline : .5 (M)
Wind: 16 - 24 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 13 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.29	5.00	6.29	10.00	6.29
1.00	6.29	6.00	6.29	11.00	6.29
2.00	6.29	7.00	6.29	12.00	6.29
3.00	6.29	8.00	6.29	13.00	6.29
4.00	6.29	9.00	6.29		

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Lake # 240 19 MAY 76 (Day 139) Time: 09 00 CDT
Air Temperature: 7 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 11.77 (C)
Epilimnion Temperature: 11.77 (C)
Planar-Thermocline : 5.75 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.25 (M)
Change at Planar-Thermo: 1.820 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.77	5.00	10.41	9.00	7.16
1.00	11.77	5.50	9.65	10.00	6.89
2.00	11.68	6.00	8.74	11.00	6.71
3.00	11.46	6.50	8.55	12.00	6.70
4.00	10.74	7.00	8.08	12.90	6.65
4.50	10.60	8.00	7.38		

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Lake # 240 16 JUN 76 (Day 167) Time: 10 15 CDT
Air Temperature: 10.2 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.64 (C)
Epilimnion Temperature: 18.76 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 7.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.64	4.75	14.92	7.00	8.79
1.00	18.76	5.00	13.34	8.00	8.26
2.00	18.77	5.25	12.81	9.00	7.82
3.00	18.79	5.50	11.38	10.00	7.32
4.00	18.62	5.75	10.64	11.00	7.04
4.25	17.50	6.00	10.17	12.00	6.88
4.50	16.86	6.50	9.26	12.80	6.81

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Lake # 240 11 AUG 76 (Day 223) Time: 09 40 CDT
Air Temperature: 21.42 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.96 (C)
Epilimnion Temperature: 20.96 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.96	5.75	17.87	8.50	8.58
1.00	20.96	6.00	16.07	9.00	8.36
2.00	20.96	6.25	14.72	9.50	7.91
3.00	20.94	6.50	13.07	10.00	7.66
4.00	20.92	6.75	11.61	11.00	7.37
5.00	20.88	7.00	11.15	12.00	7.21
5.25	20.44	7.50	10.47	12.60	7.17
5.50	19.66	8.00	9.40		

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Lake # 240 14 JUL 76 (Day 195) Time: 09 30 CDT
Air Temperature: 17 (C) Wind: -
Cloud Cover: 0 /10 Weather Description: RAIN
Secchi Visibility: 4.25 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.84 (C)
Epilimnion Temperature: 21.88 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 9.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.84	5.00	17.69	8.00	8.87
1.00	21.88	5.25	16.64	9.00	8.27
2.00	21.90	5.50	15.85	10.00	7.64
3.00	21.90	5.75	13.89	11.00	7.38
4.00	21.16	6.00	13.04	12.00	7.22
4.50	20.90	7.00	10.40	12.90	7.07
4.75	18.47				

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Lake # 240 8 SEP 76 (Day 251) Time: 09 30 CDT
Air Temperature: 23.1 (C) Wind: 8 - 16 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.75 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.24 (C)
Epilimnion Temperature: 18.16 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 7.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.24	6.00	17.05	8.25	9.97
1.00	18.16	6.50	16.66	8.50	9.56
2.00	17.91	6.75	16.27	9.00	9.32
3.00	17.39	7.00	15.27	10.00	8.34
4.00	17.29	7.25	14.30	11.00	7.81
4.50	17.24	7.50	12.38	12.00	7.51
5.00	17.18	7.75	11.27	12.60	7.45
5.50	17.09	8.00	10.42		

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Lake # 240 6 OCT 76 (Day 279) Time: 09 45 CDT
Air Temperature: 1.8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.1 (M)
Inflow Temperature:
Surface Temperature: 11.55 (C)
Epilimnion Temperature: 11.78 (C)
Planar-Thermocline : 10.125 (M)
Wind: -
Weather Description:
Water Color: BROWN -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.75 (M)
Change at Planar-Thermo: 4.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.55	7.00	11.81	10.75	8.05
1.00	11.78	8.00	11.80	11.00	8.00
2.00	11.82	9.00	11.73	11.25	7.94
3.00	11.82	9.50	11.35	11.50	7.86
4.00	11.82	10.00	10.19	12.00	7.74
5.00	11.81	10.25	9.04	12.50	7.58
6.00	11.80	10.50	8.30		

****

Lake # 240 14 JUN 77 (Day 165) Time: 10 30 CDT
Air Temperature: 13 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.7 (M)
Inflow Temperature:
Surface Temperature: 17.28 (C)
Epilimnion Temperature: 17.38 (C)
Planar-Thermocline : 4.875 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 16.74 (C)
Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.28	5.25	12.88	8.00	7.83
0.50	17.37	5.50	11.64	8.50	7.45
1.00	17.38	5.75	10.65	9.00	7.20
2.00	17.38	6.00	9.97	9.50	7.08
3.00	17.38	6.25	9.33	10.00	6.96
4.00	17.38	6.50	9.05	10.50	6.80
4.50	17.34	6.75	8.76	11.00	6.64
4.75	16.41	7.00	8.51	11.50	6.54
5.00	14.63	7.50	8.31	12.00	6.50

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Lake # 240 17 MAY 77 (Day 137) Time: 10 10 CDT
Air Temperature: 18 (C)
Cloud Cover: 9.5 /10
Secchi Visibility: 3.55 (M)
Inflow Temperature:
Surface Temperature: 18.96 (C)
Epilimnion Temperature: 18.89 (C)
Planar-Thermocline : 2.375 (M)
Wind: 5 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 4.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.96	3.75	13.19	8.00	7.20
0.50	18.92	4.00	12.27	8.50	6.97
1.00	18.89	4.25	11.70	9.00	6.80
1.50	18.89	4.50	11.09	9.50	6.68
2.00	18.69	4.75	10.67	10.00	7.00
2.25	17.92	5.00	10.17	10.50	6.89
2.50	16.78	5.50	9.40	11.00	6.80
2.75	15.92	6.00	8.97	11.50	6.76
3.00	14.97	6.50	8.53	12.00	6.72
3.25	13.99	7.00	8.00	12.50	6.68
3.50	13.56	7.50	7.51	13.00	6.64

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Lake # 240 12 JUL 77 (Day 193) Time: 06 45 CDT
Air Temperature: 18.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 20.48 (C)
Epilimnion Temperature: 20.5 (C)
Planar-Thermocline : 5.125 (M)
Wind: 6 - 8 KMPH
Weather Description:
Water Color: DARK -YELLOW
Outflow Temperature: 18.9 (C)
Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 8.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.48	5.50	13.78	8.00	8.22
1.00	20.50	5.75	12.93	8.50	7.65
2.00	20.57	6.00	12.12	9.00	7.55
3.00	20.57	6.25	11.51	9.50	7.33
4.00	20.59	6.50	10.61	10.00	7.18
4.50	20.35	6.75	9.68	10.50	7.03
4.75	18.63	7.00	9.31	11.00	6.94
5.00	16.88	7.50	8.61	12.00	6.59
5.25	14.77				

Lake # 240 9 AUG 77 (Day 221) Time: 10 00 CDT
Air Temperature: 16.5 (C)
Cloud Cover: 8 /10
Secchi Visibility: 4.03 (M)
Inflow Temperature:
Surface Temperature: 20.03 (C)
Epilimnion Temperature: 20.13 (C)
Planar-Thermocline : 6.125 (M)
Wind: 8 - 11 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 19.1 (C)
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.03	6.00	15.24	9.00	8.39
1.00	20.13	6.25	12.00	9.50	8.23
2.00	20.08	6.50	10.95	10.00	8.03
3.00	20.08	6.75	10.77	10.50	7.80
4.00	19.96	7.00	10.24	11.00	7.46
5.00	19.62	7.50	9.47	11.50	7.39
5.25	19.22	8.00	8.95	12.00	7.26
5.50	18.71	8.50	8.70	13.00	7.21
5.75	15.90				

Lake # 240 4 OCT 77 (Day 277) Time: 08 55 CDT
Air Temperature: 12.3 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.25 (M)
Inflow Temperature:
Surface Temperature: 11.85 (C)
Epilimnion Temperature: 11.96 (C)
Planar-Thermocline : 9.625 (M)
Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature: 11.25 (C)
Epilimnion Depth (1 C/M): 8.125 (M)
Change at Planar-Thermo: 4.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.85	8.00	11.80	10.00	7.87
1.00	11.96	8.25	11.31	10.25	7.55
2.00	12.00	8.50	11.33	10.50	7.54
3.00	12.01	8.75	10.85	10.75	7.35
4.00	12.01	9.00	10.54	11.00	7.25
5.00	12.01	9.25	10.32	12.00	7.05
6.00	12.01	9.50	9.46	12.75	7.00
7.00	12.00	9.75	8.30		

Lake # 240 6 SEP 77 (Day 249) Time: 10 50 CDT
Air Temperature: 10 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 15.57 (C)
Epilimnion Temperature: 15.59 (C)
Planar-Thermocline : 7.25 (M)
Wind: -
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.75 (M)
Change at Planar-Thermo: 4.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.57	5.50	15.51	8.50	9.23
1.00	15.59	6.00	15.47	9.00	8.95
2.00	15.59	6.50	14.98	10.00	8.23
3.00	15.59	7.00	14.28	11.00	7.94
4.00	15.59	7.50	12.02	12.00	7.63
5.00	15.54	8.00	10.35	12.90	7.63

Lake # 240 23 MAY 78 (Day 143) Time: 09 07 CDT
Air Temperature: 19.5 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 15.17 (C)
Epilimnion Temperature: 15.18 (C)
Planar-Thermocline : 3.125 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 6.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.17	3.50	9.74	6.00	6.02
1.00	15.18	3.75	8.80	7.00	5.67
2.00	14.96	4.00	8.12	8.00	5.42
2.25	14.59	4.25	7.81	9.00	5.31
2.50	14.50	4.50	7.32	10.00	5.19
2.75	13.97	4.75	6.85	11.00	5.07
3.00	12.77	5.00	6.71	12.00	5.05
3.25	11.15	5.25	6.48		

Lake # 240 20 JUN 78 (Day 171) Time: 09 03 CDT
Air Temperature: 10 (C) Wind: 11 - 19 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: DARK -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.77 (C)
Epilimnion Temperature: 16.87 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.77	5.25	11.04	7.00	6.50
1.00	16.87	5.50	9.98	7.50	6.16
2.00	16.87	5.75	8.50	8.00	5.92
3.00	16.87	6.00	7.49	9.00	5.61
4.00	16.87	6.25	7.15	10.00	5.51
4.75	16.67	6.50	6.72	11.00	5.37
5.00	15.71	6.75	6.62	12.00	5.32

Lake # 240 15 AUG 78 (Day 227) Time: 08 20 CDT
Air Temperature: 19.5 (C) Wind: 8 - 11 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.33 (C)
Epilimnion Temperature: 21.33 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.33	5.25	18.52	7.00	7.91
1.00	21.33	5.50	17.67	7.25	7.25
2.00	21.33	5.75	15.38	7.50	7.04
3.00	21.30	6.00	12.77	8.00	7.86
4.00	20.76	6.25	11.23	9.00	6.33
4.50	20.31	6.50	10.10	10.00	5.90
4.75	19.50	6.75	8.41	11.00	5.63
5.00	19.18				

Lake # 240 13 JUL 78 (Day 199) Time: 08 40 CDT
Air Temperature: 18.6 (C) Wind: 13 - 19 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.25 (C)
Epilimnion Temperature: 21.25 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 8.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.25	5.00	15.46	7.00	7.04
1.00	21.25	5.25	14.39	7.50	6.68
2.00	21.25	5.50	12.21	8.00	5.40
3.00	21.25	5.75	10.70	8.50	6.14
3.75	20.13	6.00	9.99	9.00	6.08
4.00	19.57	6.25	8.57	10.00	5.51
4.25	17.60	6.50	7.93	11.00	5.35
4.50	16.78	6.75	7.43	12.00	5.35
4.75	16.46				

Lake # 240 12 SEP 78 (Day 255) Time: 09 55 CDT
Air Temperature: 9 (C) Wind: 24 - 40 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.86 (C)
Epilimnion Temperature: 16.88 (C) Epilimnion Depth (1 C/M): 5.375 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 9.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.86	6.00	15.89	8.00	7.72
1.00	16.88	6.25	15.77	8.25	7.47
2.00	16.89	6.50	14.01	8.50	7.28
3.00	16.89	6.75	11.74	8.75	7.11
4.00	16.87	7.00	10.47	9.00	6.87
5.00	16.86	7.25	9.28	10.00	6.17
5.25	16.70	7.50	8.52	11.00	6.02
5.50	16.03	7.75	8.02	12.00	5.99
5.75	15.98				

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Lake # 240 10 OCT 78 (Day 283) Time: 09 00 CDT
Air Temperature: 10.9 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.64 (C)
Epilimnion Temperature: 11.64 (C) Epilimnion Depth (1 C/M): 9.125 (M)
Planar-Thermocline : 9.125 (M) Change at Planar-Thermo: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.64	6.00	11.40	9.50	8.62
1.00	11.64	7.00	11.33	9.75	7.67
2.00	11.57	8.00	11.25	10.00	7.25
3.00	11.54	8.50	11.04	11.00	6.79
4.00	11.42	9.00	10.81	12.00	6.40
5.00	11.42	9.25	8.99	12.25	6.38

****

Lake # 240 7 JUN 80 (Day 158) Time: 12 30 CDT
Air Temperature: 20 (C) Wind: 10 - 15 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.1 (C)
Epilimnion Temperature: 18.1 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.10	4.75	10.91	7.25	6.09
1.00	18.10	5.00	10.01	7.50	5.99
2.00	17.95	5.25	9.41	7.75	5.99
3.00	17.95	5.50	9.01	8.00	5.90
3.25	17.95	5.75	8.91	8.25	5.80
3.50	17.95	6.00	8.21	8.50	5.70
3.75	17.95	6.25	7.91	8.75	5.50
4.00	14.29	6.50	7.21	9.00	5.40
4.25	12.75	6.75	7.01	10.00	5.20
4.50	11.78	7.00	6.70	11.00	5.20

****

Lake # 240 5 JUL 80 (Day 186) Time: 09 35 CDT
Air Temperature: 18.5 (C) Wind: 2 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.3 (C)
Epilimnion Temperature: 19.3 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.30	7.00	8.01	10.25	5.70
1.00	19.30	7.25	7.41	10.50	5.70
2.00	19.20	7.50	7.11	10.75	5.70
3.00	19.10	7.75	6.80	11.00	5.70
4.00	18.80	8.00	6.50	11.25	5.50
5.00	18.80	8.25	6.19	11.50	5.50
5.25	15.00	8.50	6.09	11.75	5.50
5 50	14.51	8.75	5.99	12.00	5.50
5.75	14.11	9.00	5.99	12.25	5.50
6.00	13.19	9.25	5.99	12.50	5.50
6.25	11.28	9.50	5.90	12.75	5.50
6.50	10.11	9.75	5.80	13.00	5.50
6.75	9.01	10.00	5.80		

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Lake # 240 23 JUL 80 (Day 204) Time: 10 05 CDT
Air Temperature: 20.3 (C) Wind: 2 - 5 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.25 (C)
Epilimnion Temperature: 22.25 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.25	6.50	12.05	10.00	6.09
1.00	22.25	6.75	10.91	10.25	5.99
2.00	22.15	7.00	9.81	10.50	5.99
3.00	22.15	7.25	8.81	10.75	5.90
4.00	22.00	7.50	8.31	11.00	5.90
4.25	21.90	7.75	8.01	11.25	5.80
4.50	21.70	8.00	7.81	11.50	5.80
4.75	21.40	8.25	7.31	11.75	5.80
5.00	21.20	8.50	7.11	12.00	5.70
5.25	18.30	8.75	7.01	12.25	5.70
5.50	16.91	9.00	6.80	12.50	5.70
5.75	15.80	9.25	6.50	12.75	5.70
6.00	14.29	9.50	6.29	13.00	5.70
6.25	12.85	9.75	6.19		

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Lake # 240 . 13 AUG 80 (Day 225) Time: 10 30 CDT
Air Temperature: 19.1 (C)
Cloud Cover: 9.5 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 21.5 (C)
Epilimnion Temperature: 21.5 (C)
Planar-Thermocline : 6.625 (M)

Wind: 5 - 7 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.50	7.00	11.18	10.25	6.80
1.00	21.50	7.25	10.21	10.50	6.70
2.00	21.50	7.50	9.81	10.75	6.50
3.00	21.40	7.75	9.21	11.00	6.29
4.00	21.45	8.00	8.91	11.25	6.19
5.00	20.80	8.25	8.31	11.50	6.19
5.25	20.30	8.50	8.01	11.75	6.09
5.50	19.80	8.75	7.71	12.00	6.09
5.75	18.30	9.00	7.31	12.25	6.09
6.00	17.75	9.25	7.11	12.50	6.09
6.25	16.29	9.50	7.11	12.75	5.99
6.50	16.29	9.75	7.01	13.00	5.99
6.75	12.35	10.00	6.90		

Lake # 240 3 SEP 80 (Day 246) Time: 10 00 CDT
Air Temperature: 15.7 (C)
Cloud Cover: 4 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 19.1 (C)
Epilimnion Temperature: 19.1 (C)
Planar-Thermocline : 6.625 (M)

Wind: 2 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Therm: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.10	7.00	13.59	10.25	7.01
1.00	19.10	7.25	12.45	10.50	6.90
2.00	19.10	7.50	11.18	10.75	6.80
3.00	19.00	7.75	10.61	11.00	6.70
4.00	19.00	8.00	9.81	11.25	6.60
5.00	18.90	8.25	9.21	11.50	6.60
5.25	18.90	8.50	8.71	11.75	6.50
5.50	18.80	8.75	8.41	12.00	6.50
5.75	18.70	9.00	8.11	12.25	6.50
6.00	18.60	9.25	7.81	12.50	6.50
6.25	18.10	9.50	7.51	12.75	6.50
6.50	17.25	9.75	7.31	13.00	6.39
6.75	15.10	10.00	7.21		

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Lake # 240 2 OCT 80 (Day 275) Time: 11 15 CDT
Air Temperature: 9.4 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 10.98 (C)
Epilimnion Temperature: 10.98 (C)
Planar-Thermocline : 11.125 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 11.125 (M)
Change at Planar-Therm: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.98	6.00	10.98	11.25	8.91
1.00	10.98	7.00	10.98	11.50	8.01
2.00	10.98	8.00	10.98	11.75	7.21
3.00	10.98	9.00	10.98	12.00	7.01
4.00	10.98	10.00	10.81	13.00	6.50
5.00	10.98	11.00	10.01	13.25	6.39

Lake # 240 19 MAY 81 (Day 139) Time: 13 25 CDT
Air Temperature: 22.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 15.07 (C)
Epilimnion Temperature: 14.7 (C)
Planar-Thermocline : 5.125 (M)
Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Therm: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.07	5.50	10.00	7.50	6.49
1.00	14.70	5.75	9.60	8.00	6.16
1.50	14.14	6.00	9.32	9.00	5.81
2.00	13.69	6.25	8.86	10.00	5.72
3.00	13.29	6.50	8.39	11.00	5.67
4.00	12.60	6.75	7.83	12.00	5.62
5.00	11.65	7.00	7.42	13.00	5.54
5.25	10.75				

Lake # 240 16 JUN 81 (Day 167) Time: 11 05 CDT
Air Temperature: 14.9 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 17.81 (C)
Epilimnion Temperature: 17.81 (C)
Planar-Thermocline : 5.875 (M)
Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Therm: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.81	5.50	15.87	8.00	7.77
1.00	17.81	5.75	14.25	9.00	7.22
2.00	17.73	6.00	11.85	10.00	6.77
3.00	17.69	6.25	10.77	11.00	6.36
4.00	17.63	6.50	10.07	12.00	6.12
5.00	17.54	6.75	9.36	13.00	6.10
5.25	17.22	7.00	8.78		

Lake # 240 2 JUN 81 (Day 153) Time: 13 18 CDT
Air Temperature: 15.1 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 15.42 (C)
Epilimnion Temperature: 15.42 (C)
Planar-Thermocline : 5.875 (M)
Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Therm: 4.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.42	5.00	14.07	7.00	8.03
1.00	15.42	5.25	13.17	8.00	7.26
2.00	15.41	5.50	12.59	9.00	6.57
3.00	15.40	5.75	11.59	10.00	6.32
4.00	15.39	6.00	10.56	11.00	6.10
4.25	15.37	6.25	9.75	12.00	6.10
4.50	15.37	6.50	8.96	13.00	6.05
4.75	14.35	6.75	8.50		

Lake # 240 0 JUL 81 (Day 181) Time: 11 00 CDT
Air Temperature: 22.5 (C)
Cloud Cover: 5 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 19.37 (C)
Epilimnion Temperature: 19.4 (C)
Planar-Thermocline : 6.875 (M)
Wind: 5 - 10 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Therm: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.37	5.75	16.48	7.75	9.50
1.00	19.40	6.00	15.92	8.00	8.98
2.00	19.30	6.25	15.08	8.50	8.41
3.00	19.13	6.50	14.33	9.00	7.72
4.00	18.38	6.75	13.92	10.00	7.13
5.00	17.58	7.00	12.32	11.00	6.69
5.25	17.17	7.25	11.29	12.00	6.31
5.50	16.83	7.50	10.07	13.00	6.30

Lake # 240 14 JUL 81 (Day 195) Time: 11 30 CDT
Air Temperature: 26 (C) Wind: 0 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.53 (C)
Epilimnion Temperature: 23.42 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.53	5.25	17.22	7.75	9.42
1.00	23.42	5.50	16.87	8.00	8.55
2.00	23.40	5.75	16.38	8.25	7.73
3.00	23.12	6.00	15.55	8.50	7.48
3.50	22.57	6.25	14.15	8.75	7.37
4.00	20.97	6.50	13.12	9.00	6.83
4.25	20.37	6.75	12.16	10.00	6.43
4.50	19.67	7.00	11.40	11.00	5.70
4.75	18.95	7.25	10.62	12.00	5.39
5.00	17.78	7.50	10.07	13.00	5.21

Lake # 240 11 AUG 81 (Day 223) Time: 10 50 CDT
Air Temperature: 22.9 (C) Wind: 5 - 10 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN -BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.94 (C)
Epilimnion Temperature: 21.9 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.94	6.00	17.43	8.25	9.51
1.00	21.90	6.25	16.56	8.50	9.19
2.00	21.88	6.50	15.32	8.75	8.85
3.00	21.79	6.75	14.30	9.00	8.64
4.00	21.74	7.00	13.24	10.00	7.64
5.00	21.57	7.25	12.24	11.00	7.20
5.25	21.00	7.50	11.41	12.00	6.89
5.50	20.12	7.75	10.96	13.00	6.74
5.75	18.32	8.00	10.28		

Lake # 240 28 JUL 81 (Day 209) Time: 00 11 CDT
Air Temperature: 23.6 (C) Wind: 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.23 (C)
Epilimnion Temperature: 21.2 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 9.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.23	6.00	17.37	8.25	9.18
1.00	21.20	6.25	15.11	8.50	8.83
2.00	21.04	6.50	13.70	8.75	8.63
3.00	20.80	6.75	13.22	9.00	8.34
4.00	20.78	7.00	12.60	10.00	7.63
5.00	20.56	7.25	11.67	11.00	6.93
5.25	20.22	7.50	10.80	12.00	6.76
5.50	19.54	7.75	10.29	13.00	6.56
5.75	18.17	8.00	10.09	13.25	6.51

Lake # 240 25 AUG 81 (Day 237) Time: 11 20 CDT
Air Temperature: 21 (C) Wind: 0 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.52 (C)
Epilimnion Temperature: 21.5 (C) Epilimnion Depth (1 C/M): 5.625 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 6.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.52	6.25	18.25	8.75	9.51
1.00	21.50	6.50	16.51	9.00	8.88
2.00	21.40	6.75	15.30	9.25	8.25
3.00	21.29	7.00	13.60	9.50	8.01
4.00	21.28	7.25	12.95	9.75	7.81
5.00	20.94	7.50	11.66	10.00	7.61
5.25	20.84	7.75	11.08	11.00	7.03
5.50	20.83	8.00	10.38	12.00	6.91
5.75	20.42	8.25	9.95	13.00	6.76
6.00	19.10	8.50	9.91		

Lake # 240 8 SEP 81 (Day 251) Time: 11 37 CDT
Air Temperature: 15 (C) Wind: 0 - 2 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.15 (C)
Epilimnion Temperature: 18.15 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.15	7.25	16.99	9.00	10.00
1.00	18.15	7.50	15.61	9.50	8.64
2.00	18.03	7.75	12.49	10.00	8.19
3.00	17.99	8.00	11.63	11.00	7.53
4.00	17.99	8.25	11.14	12.00	7.23
5.00	17.95	8.50	10.69	13.00	7.01
6.00	17.92	8.75	9.98	14.00	6.93
7.00	17.42				

Lake # 240 22 SEP 81 (Day 265) Time: 18 00 CDT
Air Temperature: 8 (C) Wind: 10 - 15 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.12 (C)
Epilimnion Temperature: 15.12 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.12	6.00	15.06	9.00	8.83
1.00	15.12	7.00	15.04	10.00	7.72
2.00	15.12	8.00	14.85	11.00	8.04
3.00	15.12	8.25	14.43	12.00	6.85
4.00	15.12	8.50	12.43	13.00	6.65
5.00	15.07	8.75	10.83	14.00	6.58

Lake # 240 6 OCT 81 (Day 279) Time: 13 00 CDT
Air Temperature: 10 (C) Wind: 20 - 25 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.08 (C)
Epilimnion Temperature: 10.03 (C) Epilimnion Depth (1 C/M): 14.5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.08	6.00	9.99	11.00	9.96
1.00	10.03	7.00	9.99	12.00	9.96
2.00	10.03	8.00	9.99	13.00	9.96
3.00	10.02	9.00	9.97	14.00	9.96
4.00	10.00	10.00	9.96	14.50	9.96
5.00	10.00				

Lake # 240 20 OCT 81 (Day 293) Time: 14 00 CDT
Air Temperature: 4 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.58 (C)
Epilimnion Temperature: 7.58 (C) Epilimnion Depth (1 C/M): 9.5 (M)
Planar-Thermocline : 9.5 (M) Change at Planar-Thermo: 3.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.58	5.00	7.58	10.00	4.58
1.00	7.58	6.00	7.57	11.00	7.57
2.00	7.57	7.00	7.58	12.00	7.56
3.00	7.57	8.00	7.59	13.00	7.56
4.00	7.57	9.00	7.58		

Lake # 240 7 JUL 82 (Day 188) Time: 13 17 CDT
Air Temperature: 13.5 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 19.93 (C)
Epilimnion Temperature: 19.91 (C)
Planar-Thermocline : 4.625 (M)
Wind: 20 - 25 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.93	5.75	17.19	7.75	9.95
1.00	19.91	6.00	16.33	8.00	9.48
2.00	19.88	6.25	14.68	9.00	9.07
3.00	19.88	6.50	15.06	10.00	8.47
4.00	19.86	6.75	12.41	11.00	8.24
5.00	19.63	7.00	11.33	12.00	8.13
5.25	18.65	7.25	10.57	13.00	8.02
5.50	17.98	7.50	10.23		

Lake # 240 4 AUG 82 (Day 216) Time: 08 20 CDT
Air Temperature: 19 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 21.65 (C)
Epilimnion Temperature: 21.65 (C)
Planar-Thermocline : 6.375 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: TURBID-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.65	6.00	18.23	8.25	10.11
1.00	21.65	6.25	16.14	8.50	9.90
2.00	21.65	6.50	13.16	8.75	9.63
3.00	21.65	6.75	13.32	9.00	9.39
4.00	21.37	7.00	12.64	10.00	8.82
5.00	20.78	7.25	11.93	11.00	8.40
5.25	20.35	7.50	11.31	12.00	8.20
5.50	20.11	7.75	10.93	13.00	8.11
5.75	19.04	8.00	10.45		

Lake # 240 22 JUL 82 (Day 203) Time: 08 30 CDT
Air Temperature: 20 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 22.04 (C)
Epilimnion Temperature: 22.04 (C)
Planar-Thermocline : 6.375 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: BROWN -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Therm: 5.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.04	5.50	18.63	7.00	12.35
1.00	22.04	5.75	18.06	8.00	10.22
2.00	22.04	6.00	16.85	9.00	9.32
3.00	21.96	6.00	16.85	10.00	8.81
4.00	21.35	6.25	15.83	11.00	8.32
5.00	20.38	6.50	14.58	12.00	8.13
5.25	19.66	6.75	13.33	13.00	8.20

Lake # 240 18 AUG 82 (Day 230) Time: 11 25 CDT
Air Temperature: 21 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.1 (M)
Inflow Temperature:
Surface Temperature: 21.11 (C)
Epilimnion Temperature: 21.16 (C)
Planar-Thermocline : 6.875 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 1 (C)
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Therm: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.11	6.00	18.85	8.25	10.61
1.00	21.16	6.25	18.33	8.50	10.45
2.00	21.21	6.50	17.45	8.75	10.20
3.00	21.16	6.75	16.45	9.00	9.94
4.00	20.90	7.00	14.35	10.00	9.21
5.00	20.12	7.25	12.83	11.00	8.70
5.25	19.69	7.50	12.02	12.00	8.40
5.50	19.42	7.75	11.48	13.00	8.30
5.75	19.18	8.00	11.18		

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Lake # 240 — 13 MAY 82 — (Day 133) — Time: 11 45 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 9.58 (C)
Epilimnion Temperature: 9.54 (C)
Planar-Thermocline : 4.5 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 13 (M)
Change at Planar-Thermo: 0.580 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.58	5.00	9.23	10.00	7.59
1.00	9.54	6.00	8.82	11.00	7.59
2.00	9.51	7.00	8.24	12.00	7.50
3.00	9.48	8.00	8.00	13.00	7.66
4.00	9.46	9.00	7.82		

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Lake # 240 — 26 MAY 82 — (Day 146) — Time: 10 32 CDT
Air Temperature: 22 (C)
Cloud Cover: 4 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 17.54 (C)
Epilimnion Temperature: 17.5 (C)
Planar-Thermocline : 2.125 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 5.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.54	3.00	12.36	9.00	8.18
1.00	17.50	4.00	11.46	10.00	7.95
2.00	16.47	5.00	10.72	11.00	7.80
2.25	14.98	6.00	10.33	12.00	7.50
2.50	14.00	7.00	9.54	13.00	7.67
2.75	13.14	8.00	8.70		

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Lake # 240 — 9 JUN 82 — (Day 160) — Time: 08 33 CDT
Air Temperature: 12 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 15.02 (C)
Epilimnion Temperature: 15.02 (C)
Planar-Thermocline : 5.375 (M)

Wind: 10 - 15 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 7.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.02	5.50	12.02	8.00	8.91
1.00	15.02	5.75	11.09	9.00	8.50
2.00	15.02	6.00	10.67	10.00	7.96
3.00	15.02	6.25	10.38	11.00	7.83
4.00	14.99	6.50	10.13	12.00	7.72
5.00	14.35	6.75	9.88	13.00	7.57
5.25	13.86	7.00	9.61		

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Lake # 240 — 23 JUN 82 — (Day 174) — Time: 13 00 CDT
Air Temperature: 18 (C)
Cloud Cover: 8 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 17.52 (C)
Epilimnion Temperature: 17.52 (C)
Planar-Thermocline : 6.125 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.52	5.25	15.10	7.25	9.52
1.00	17.52	5.50	14.63	7.50	9.34
2.00	17.42	5.75	13.60	7.75	9.06
3.00	16.83	6.00	17.78	8.00	8.87
4.00	16.57	6.25	12.03	9.00	8.42
4.25	16.33	6.50	11.33	10.00	8.11
4.50	15.91	6.75	10.63	11.00	7.77
4.75	15.81	7.00	10.15	12.00	7.64
5.00	15.39				

Lake # 240 1 SEP 82 (Day 244) Time: 10 46 CDT
Air Temperature: 14 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 1 (C)
Surface Temperature: 16.28 (C)
Epilimnion Temperature: 16.31 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 5.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.28	7.00	15.63	8.75	10.05
1.00	16.31	7.25	14.66	9.00	9.67
2.00	16.32	7.50	13.99	10.00	9.06
3.00	16.32	7.75	13.12	11.00	8.52
4.00	16.25	8.00	11.80	12.00	8.31
5.00	16.23	8.25	11.03	13.00	8.31
6.00	16.23	8.50	10.46		

Lake # 240 29 SEP 82 (Day 272) Time: 11 00 CDT
Air Temperature: 11 (C) Wind: 15 - 20 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.93 (C)
Epilimnion Temperature: 11.92 (C) Epilimnion Depth (1 C/M): 11.125 (M)
Planar-Thermocline : 11.375 (M) Change at Planar-Thermo: 4.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.93	6.00	11.87	11.25	11.23
1.00	11.92	7.00	11.83	11.50	10.08
2.00	11.91	8.00	11.83	11.75	9.12
3.00	11.90	9.00	11.83	12.00	9.12
4.00	11.88	10.00	11.83	13.00	8.02
5.00	11.87	11.00	11.83		

Lake # 240 15 SEP 82 (Day 258) Time: 11 08 CDT
Air Temperature: 10 (C) Wind: 10 - 15 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.29 (C)
Epilimnion Temperature: 15.29 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: 5.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.29	7.00	15.16	9.50	9.64
1.00	15.29	8.00	14.23	9.75	9.31
2.00	15.29	8.25	12.84	10.00	8.92
3.00	15.23	8.50	12.50	11.00	8.52
4.00	15.23	8.75	11.48	12.00	8.32
5.00	15.22	9.00	10.70	13.00	8.22
6.00	15.21	9.25	10.12		

Lake # 240 13 OCT 82 (Day 286) Time: 09 51 CDT
Air Temperature: 7 (C) Wind: 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: TURBID-YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.41 (C)
Epilimnion Temperature: 9.34 (C) Epilimnion Depth (1 C/M): 14 (M)
Planar-Thermocline : 13.5 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.41	5.00	9.32	10.00	9.30
1.00	9.34	6.00	9.32	11.00	9.27
2.00	9.34	7.00	9.32	12.00	9.23
3.00	9.33	8.00	9.32	13.00	9.22
4.00	9.32	9.00	9.31	14.00	9.12

Lake # 240 18 MAY 83 (Day 138) Time: 13 15 CDT
Air Temperature: 15 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 10.2 (C)
Epilimnion Temperature: 10 (C)
Planar-Thermocline : 3.875 (M)
Wind: N 10 - 15 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.875 (M)
Change at Planar-Thermo: 1.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.20	3.75	9.30	9.00	7.60
1.00	10.00	4.00	9.00	10.00	7.60
2.00	9.90	5.00	8.50	11.00	7.50
3.00	9.80	6.00	8.40	12.00	7.40
3.25	9.70	7.00	8.00	13.00	7.10
3.50	9.50	8.00	7.90		

Lake # 240 16 JUN 83 (Day 167) Time: 08 15 CDT
Air Temperature: 9 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 15.9 (C)
Epilimnion Temperature: 15.95 (C)
Planar-Thermocline : 5.875 (M)
Wind: NE 15 - 20 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.375 (M)
Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.90	5.75	14.50	7.75	7.90
1.00	15.95	6.00	12.80	8.00	7.70
2.00	15.95	6.25	11.90	9.00	7.10
3.00	15.95	6.50	11.00	10.00	6.90
4.00	15.95	6.50	6.75	11.00	6.60
5.00	15.90	7.00	9.10	12.00	6.50
5.25	15.70	7.25	8.[illegible]0	13.00	6.45
5.50	15.20	7.50	8.20		

Lake # 240 2 JUN 83 (Day 153) Time: 08 15 CDT
Air Temperature: 18.5 (C)
Cloud Cover: 8 /10
Secchi Visibility: 3.6 (M)
Inflow :emperature:
Surface Temperature: 14 (C)
Epilimnion Temperature: 13.9 (C)
Planar-Thermocline : 5.375 (M)
Wind: 0 - 0 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.00	5.75	11.30	7.75	8.20
1.00	13.90	6.00	11.10	8.00	8.10
2.00	13.80	6.25	10.50	9.00	7.80
3.00	13.40	6.50	10.20	10.00	7.60
4.00	13.10	6.75	9.80	11.00	7.40
5.00	12.80	7.00	9.30	12.00	7.40
5.25	12.30	7.25	8.60	13.00	7.20
5.50	11.50	7.50	8.40		

Lake # 240 14 JUL 83 (Day 195) Time: 09 00 CDT
Air Temperature: 24 (C)
Cloud Cover: 1 /10
Secchi Visibility: 5.2 (M)
Inflow Temperature:
Surface Temperature: 22.9 (C)
Epilimnion Temperature: 22.8 (C)
Planar-Thermocline : 5.875 (M)
Wind: NE 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.90	5.25	18.90	7.50	10.50
1.00	22.80	5.50	18.30	7.75	10.20
2.00	22.70	5.75	17.10	8.00	9.60
3.00	22.60	6.00	15.70	9.00	8.70
4.00	21.80	6.25	14.60	10.00	8.10
4.25	21.50	6.50	13.50	11.00	7.70
4.50	21.10	6.75	12.80	12.00	7.60
4.75	20.60	7.00	11.90	13.00	7.50
5.00	19.90	7.25	11.20		

Lake # 240 11 AUG 83 (Day 223) Time: 08 42 CDT
Air Temperature: 22 (C)
Cloud Cover: 4 /10
Secchi Visibility: 5.6 (M)
Inflow Temperature:
Surface Temperature: 22.6 (C)
Epilimnion Temperature: 22.7 (C)
Planar-Thermocline : 5.625 (M)
Wind: W 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.60	6.00	17.00	8.25	10.10
1.00	22.70	6.25	15.90	8.50	9.70
2.00	22.70	6.50	14.90	8.75	9.40
3.00	22.70	6.75	14.10	9.00	9.20
4.00	22.70	7.00	13.20	10.00	8.50
5.00	22.50	7.25	12.20	11.00	8.00
5.25	22.20	7.50	11.50	12.00	7.80
5.50	21.20	7.75	10.80	13.00	7.60
5.75	19.00	8.00	10.40		

Lake # 240 28 JUL 83 (Day 209) Time: 09 00 CDT
Air Temperature: 23 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 23.8 (C)
Epilimnion Temperature: 23.8 (C)
Planar-Thermocline : 4.875 (M)
Wind: S 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.375 (M)
Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.80	5.25	19.50	7.50	11.00
1.00	23.80	5.50	18.20	7.75	10.60
2.00	23.80	5.75	17.20	8.00	10.30
3.00	23.80	6.00	16.40	9.00	9.40
4.00	23.80	6.25	15.10	10.00	8.40
4.25	23.70	6.50	14.00	11.00	8.00
4.50	23.40	6.75	13.20	12.00	7.80
4.75	22.60	7.00	12.10	12.50	7.60
5.00	20.90	7.25	11.60		

Lake # 240 25 AUG 83 (Day 237) Time: 08 30 CDT
Air Temperature: 22 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 21.9 (C)
Epilimnion Temperature: 21.9 (C)
Planar-Thermocline : 6.375 (M)
Wind: S 15 - 25 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.375 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.90	6.25	18.70	8.50	10.40
1.00	21.90	6.50	16.50	8.75	10.00
2.00	21.80	6.75	15.00	9.00	9.80
3.00	21.80	7.00	13.70	9.25	9.20
4.00	21.70	7.25	13.10	9.50	8.90
5.00	21.20	7.50	12.30	9.75	8.60
5.25	21.10	7.75	11.50	10.00	8.30
5.50	20.70	8.00	11.10	11.00	7.90
5.75	20.50	8.25	10.60	12.00	7.70
6.00	20.00				

Lake # 240 8 SEP 83 (Day 251) Time: 08 40 CDT
Air Temperature: 21 (C)
Cloud Cover: 7 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 20.24 (C)
Epilimnion Temperature: 20.24 (C)
Planar-Thermocline : 6.375 (M)

Wind: S 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.24	6.50	17.44	8.25	10.64
1.00	20.24	6.75	15.80	8.50	10.19
2.00	20.24	7.00	14.50	8.75	9.69
3.00	20.24	7.25	13.30	9.00	9.34
4.00	20.24	7.50	12.50	10.00	8.44
5.00	20.24	7.75	11.60	11.00	8.04
6.00	20.24	8.00	10.99	12.00	7.89
6.25	20.24				

Lake # 240 5 OCT 83 (Day 278) Time: 08 20 CDT
Air Temperature: 7 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 11.4 (C)
Epilimnion Temperature: 11.3 (C)
Planar-Thermocline : 11.125 (M)

Wind: W 0 - 5 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 11.125 (M)
Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.40	6.00	11.10	11.25	9.80
1.00	11.30	7.00	11.10	11.50	9.70
2.00	11.30	8.00	11.10	11.75	9.30
3.00	11.30	9.00	11.10	12.00	8.90
4.00	11.20	10.00	11.00	12.50	8.30
5.00	11.20	11.00	10.80		

Lake # 240 22 SEP 83 (Day 265) Time: 09 20 CDT
Air Temperature: 7 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 11.4 (C)
Epilimnion Temperature: 11.5 (C)
Planar-Thermocline : 10.375 (M)

Wind: NW 5 - 10 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 10.125 (M)
Change at Planar-Thermo: 9.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.40	6.00	11.80	10.50	8.80
1.00	11.50	7.00	11.80	10.75	8.40
2.00	11.70	8.00	11.80	11.00	8.20
3.00	11.80	9.00	11.80	12.00	7.80
4.00	11.80	10.00	11.80	12.50	7.70
5.00	11.80	10.25	11.20		

Lake # 240 26 OCT 83 (Day 299) Time: 08 30 CDT
Air Temperature: 2 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 6.9 (C)
Epilimnion Temperature: 6.9 (C)
Planar-Thermocline : 1.5 (M)

Wind: SW 5 - 10 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 12.5 (M)
Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.90	5.00	6.80	10.00	6.80
1.00	6.90	6.00	6.80	11.00	6.80
2.00	6.80	7.00	6.80	12.00	6.80
3.00	6.80	8.00	6.80	12.50	6.80
4.00	6.80	9.00	6.80		

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Lake # 261 15 OCT 69 (Day 288) Time: 15 00 CDT
Air Temperature: 4 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 6.86 (C)
Epilimnion Temperature: 6.93 (C)
Planar-Thermocline : 2.5 (M)

Wind: -
Weather Description: SNOW & RAIN
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 8 (M)
Change at Planar-Thermo: 0.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.86	3.00	6.83	6.00	6.70
1.00	6.93	4.00	6.80	7.00	6.63
2.00	6.91	5.00	6.73	8.00	6.61

Lake # 261 22 JAN 70 (Day 22) Time: 13 00 CDT
Air Temperature: -6 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 1.55 (C)
Planar-Thermocline : 1.5 (M)

Wind: 0 - 7 KMPH
Weather Description: CLEAR
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.50	4.00	3.60	8.00	4.35
1.00	1.55	5.00	3.95	9.00	4.62
2.00	3.10	6.00	4.12	9.30	4.62
3.00	3.20	7.00	4.22		

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Lake # 261 9 DEC 69 (Day 343) Time: 15 00 CST
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1 (C)
Epilimnion Temperature: 2.25 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.00	4.00	3.33	8.00	3.82
1.00	2.25	5.00	3.53	9.00	4.05
2.00	2.73	6.00	3.63	9.50	4.20
3.00	3.02	7.00	3.72		

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Lake # 261 26 FEB 70 (Day 57) Time: 12 30 CDT
Air Temperature: 0 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .35 (C)
Epilimnion Temperature: 1.1 (C)
Planar-Thermocline : 1.5 (M)

Wind: 24 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.35	4.00	3.98	7.00	4.38
1.00	1.10	5.00	4.18	8.00	4.50
2.00	3.15	6.00	4.28	9.00	4.23
3.00	3.78				

Lake # 261 1 SEP 70 (Day 244) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 17.5 (C)
Epilimnion Temperature: 17.5 (C)
Planar-Thermocline : 4.5 (M)

Wind: -
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 5.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.50	4.00	17.10	7.00	6.90
1.00	17.50	5.00	11.40	8.00	6.40
2.00	17.70	6.00	8.10	9.00	6.40
3.00	17.50				

Lake # 261 21 JUN 71 (Day 172) Time: 12 00 CDT
Air Temperature: 22.5 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 22.1 (C)
Epilimnion Temperature: 20.5 (C)
Planar-Thermocline : 2.75 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Thermo: 5.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.10	2.00	18.00	5.00	9.00
0.50	21.50	2.50	17.80	6.00	7.90
1.00	20.50	3.00	14.90	7.00	7.40
1.50	20.40	3.50	12.00	8.00	6.90
1.75	19.10	4.00	11.10	8.90	6.50

Lake # 261 27 MAY 71 (Day 147) Time: 13 00 CDT
Air Temperature: 21.8 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 14 (C)
Epilimnion Temperature: 12.4 (C)
Planar-Thermocline : .75 (M)

Wind: 1 - 2 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): .75 (M)
Change at Planar-Thermo: 2.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.00	3.00	10.00	7.00	6.10
0.50	13.60	4.00	9.40	8.00	5.70
1.00	12.40	5.00	8.30	9.00	5.60
2.00	11.00	6.00	6.80		

Lake # 261 19 JUL 71 (Day 200) Time: 11 00 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 3.3 (M)
Inflow Temperature:
Surface Temperature: 21.45 (C)
Epilimnion Temperature: 21.1 (C)
Planar-Thermocline : 3.375 (M)

Wind: 0 - 8 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW-BROWN
Outflow Temperature: 21.55 (C)

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.45	3.50	15.53	5.00	9.75
0.50	21.37	3.75	14.32	5.50	8.97
1.00	21.10	4.00	13.09	6.00	8.35
2.00	20.90	4.25	11.80	7.00	7.83
3.00	20.36	4.50	11.32	8.00	6.99
3.25	18.70	4.75	10.54	8.20	7.00

****

Lake # 261 23 AUG 71 (Day 235) Time:
Air Temperature: 21.6 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 19.8 (C)
Epilimnion Temperature: 19.7 (C)
Planar-Thermocline : 4.25 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.75 (M)
Change at Planar-Thermo: 4.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.80	4.00	16.70	7.00	7.80
0.50	19.80	4.50	14.40	7.50	7.40
1.00	19.70	5.00	12.20	8.00	7.30
2.00	19.60	5.50	10.60	9.00	7.30
3.00	19.10	6.00	9.20	9.50	7.20
3.50	18.80	6.50	8.50		

****

Lake # 261 26 AUG 71 (Day 238) Time: 12 55 CDT
Air Temperature: 24.3 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 19.65 (C)
Epilimnion Temperature: 19.14 (C)
Planar-Thermocline : 4.125 (M)

Wind: 3 - 6 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 7.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.65	4.25	16.24	5.75	10.25
0.50	19.40	4.50	14.72	6.00	9.54
1.00	19.14	4.75	13.29	7.00	8.11
2.00	18.75	5.00	12.79	8.00	7.25
3.00	18.64	5.25	11.94	8.40	7.14
4.00	18.09	5.50	11.39		

****

Lake # 261 20 SEP 71 (Day 263) Time: 10 10 CDT
Air Temperature: 10.6 (C)
Cloud Cover: 8 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 13.81 (C)
Epilimnion Temperature: 13.81 (C)
Planar-Thermocline : 5.875 (M)

Wind: 2 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.25 (M)
Change at Planar-Thermo: 7.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.81	4.00	13.81	6.25	9.50
0.50	13.81	5.00	13.81	6.50	9.00
1.00	13.81	5.50	12.71	6.75	8.87
2.00	13.81	5.75	12.52	6.90	8.74
3.00	13.81	6.00	10.53		

****

Lake # 261 21 OCT 71 (Day 294) Time: 10 50 CDT
Air Temperature: 16.79 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 8.85 (C)
Epilimnion Temperature: 8.25 (C)
Planar-Thermocline : .25 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 8.5 (M)
Change at Planar-Thermo: 0.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.85	3.00	8.15	7.00	8.01
0.50	8.43	4.00	8.13	8.00	7.94
1.00	8.25	5.00	8.10	8.50	7.84
2.00	8.17	6.00	8.05		

Lake # 261 14 DEC 71 (Day 348) Time: 14 10 CST
Air Temperature: -15 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.85 (C)
Epilimnion Temperature: 2.09 (C)
Planar-Thermocline : .375 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .375 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.66	3.00	3.29	6.00	3.75
0.50	1.49	4.00	3.52	7.00	4.02
1.00	2.09	5.00	3.66	7.10	3.75
2.00	3.13				

Lake # 261 15 FEB 72 (Day 46) Time: 09 45 CST
Air Temperature:
Cloud Cover: 5 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 3.29 (C)
Planar-Thermocline : .125 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .125 (M)
Change at Planar-Thermo: -. (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.50	2.00	3.75	5.00	4.22
0.25	1.45	3.00	4.08	6.00	4.39
0.50	2.25	4.00	4.10	7.00	4.45
1.00	3.29				

Lake # 261 18 JAN 72 (Day 18) Time: 10 00 CST
Air Temperature: -20.556 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.85 (C)
Epilimnion Temperature: 2.7 (C)
Planar-Thermocline : .375 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .375 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	1.41	2.00	3.20	5.00	3.97
0.50	1.90	3.00	3.77	6.00	4.04
1.00	2.70	4.00	3.91	7.00	4.36

Lake # 261 5 APR 72 (Day 95) Time: 11 00 CST
Air Temperature: 6 (C)
Cloud Cover: 8 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 0 (C)
Epilimnion Temperature: 1.21 (C)
Planar-Thermocline : 1.5 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.00	3.00	3.81	6.00	4.31
1.00	1.21	4.00	4.08	7.00	4.53
2.00	3.21	5.00	4.16	7.40	4.54

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Lake # 261 9 MAY 72 (Day 129) Time: 11 30 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 10.02 (C)
Epilimnion Temperature: 9.73 (C)
Planar-Thermocline : 2.5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 2.350 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.02	3.00	6.74	6.00	5.57
1.00	9.73	4.00	6.24	7.00	5.29
2.00	9.09	5.00	5.81	7.10	5.28

****

Lake # 261 6 JUN 72 (Day 157) Time: 10 50 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 20.89 (C)
Epilimnion Temperature: 20.8 (C)
Planar-Thermocline : 2.75 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 9.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.89	2.50	16.53	5.00	6.86
1.00	20.80	3.00	11.99	6.00	6.35
2.00	19.75	4.00	8.03	7.00	5.99

****

Lake # 261 27 JUN 72 (Day 178) Time: 10 45 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 23.13 (C)
Epilimnion Temperature: 22.35 (C)
Planar-Thermocline : 3.75 (M)

Wind: -
Weather Description: NO OUTFLOW
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 6.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.13	3.50	13.83	7.00	5.99
1.00	22.35	4.00	10.68	8.00	5.79
2.00	19.73	5.00	7.59	9.00	5.73
2.50	18.00	6.00	6.67	9.75	5.71
3.00	16.03				

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Lake # 261 25 JUL 72 (Day 206) Time: 11 00 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.7 (M)
Inflow Temperature:
Surface Temperature: 20.41 (C)
Epilimnion Temperature: 20.44 (C)
Planar-Thermocline : 3.75 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: 6.620 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.41	3.50	17.05	7.00	7.16
1.00	20.44	4.00	13.74	8.00	6.64
2.00	20.37	5.00	10.01	9.00	6.38
3.00	19.96	6.00	8.09	9.50	6.36

Lake # 261 29 AUG 72 (Day 241) Time: 11 45 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 21.84 (C)
Epilimnion Temperature: 21.58 (C)
Planar-Thermocline : 3.75 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 4.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.84	4.00	15.51	7.00	7.94
1.00	21.58	4.50	14.18	8.00	7.39
2.00	20.26	5.00	12.83	9.00	6.98
3.00	18.89	6.00	9.86	9.60	6.89
3.50	17.60				

Lake # 261 24 OCT 72 (Day 297) Time: 13 50 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 2.3 (M)
Inflow Temperature:
Surface Temperature: 3.29 (C)
Epilimnion Temperature: 3.2 (C)
Planar-Thermocline : .25 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: 0.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.29	3.00	3.29	7.00	3.41
0.50	3.20	4.00	3.31	8.00	3.45
1.00	3.20	5.00	3.33	9.00	3.48
2.00	3.27	6.00	3.40	10.00	3.51

Lake # 261 26 SEP 72 (Day 269) Time: 15 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 11.51 (C)
Epilimnion Temperature: 11.62 (C)
Planar-Thermocline : 7.25 (M)

Wind: -
Weather Description:
Water Color: ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 3.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.51	4.00	11.62	7.50	8.57
0.50	11.57	5.00	11.62	8.00	7.94
1.00	11.62	6.00	11.42	9.00	6.58
2.00	11.62	7.00	10.23	9.50	6.50
3.00	11.62				

Lake # 261 8 MAY 73 (Day 128) Time: 10 00 CDT
Air Temperature: 7.2 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.1 (M)
Inflow Temperature:
Surface Temperature: 10.7 (C)
Epilimnion Temperature: 10.45 (C)
Planar-Thermocline : 2.25 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 9.5 (C)

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 3.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.70	3.50	6.99	7.00	5.09
1.00	10.45	4.00	6.36	8.00	5.00
2.00	10.43	5.00	6.31	9.00	4.89
2.50	8.90	6.00	5.23	9.50	4.84
3.00	8.49				

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Lake # 261 22 MAY 73 (Day 142) Time: 09 45 CDT
Air Temperature: 10 (C) Wind: 8 - 16 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.55 (C)
Epilimnion Temperature: 16.44 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 1.25 (M) Change at Planar-Thermo: 4.660 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.55	2.50	12.24	6.00	6.46
0.50	16.55	3.00	11.74	7.00	5.81
1.00	16.44	3.50	10.39	8.00	5.58
1.50	14.11	4.00	9.06	9.00	5.43
2.00	13.05	5.00	7.62	9.75	5.40

****

Lake # 261 29 MAY 73 (Day 149) Time: 10 00 CDT
Air Temperature: 21 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 18.6 (C)
Surface Temperature: 17.99 (C)
Epilimnion Temperature: 17.57 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 4.140 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.99	4.00	9.46	8.00	5.72
1.00	17.57	5.00	7.38	9.00	5.61
2.00	16.70	6.00	6.39	9.50	5.57
3.00	12.56	7.00	5.93		

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Lake # 261 5 JUN 73 (Day 156) Time: 10 40 CDT
Air Temperature: 10 (C) Wind: 8 - 16 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 2.7 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 15.94 (C)
Surface Temperature: 15.91 (C)
Epilimnion Temperature: 15.79 (C) Epilimnion Depth (1 C/M): 2.875 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 8.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.91	3.00	14.11	6.00	5.64
0.50	15.89	3.25	12.03	7.00	4.80
1.00	15.79	3.50	11.18	8.00	4.54
1.50	15.60	3.75	9.97	9.00	4.38
2.00	15.48	4.00	8.90	9.70	4.27
2.75	14.77	5.00	6.46		

****

Lake # 261 12 JUN 73 (Day 163) Time: 10 10 CDT
Air Temperature: 18.57 (C) Wind: 3 - 8 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 15.46 (C)
Surface Temperature: 18.13 (C)
Epilimnion Temperature: 18.06 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.13	3.25	15.57	6.00	6.76
0.50	18.10	3.50	14.22	7.00	6.14
1.00	18.06	3.75	12.40	8.00	5.96
2.00	17.67	4.00	10.86	9.00	5.75
2.50	16.87	4.50	9.19	9.50	5.64
3.00	16.02	5.00	7.83		

Lake # 261 19 JUN 73 (Day 170) Time: 10 10 CDT
Air Temperature: 15.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description: LIGHT RAIN
Secchi Visibility: 3.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 17.89 (C)
Surface Temperature: 17.88 (C)
Epilimnion Temperature: 17.83 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 8.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.88	3.50	14.06	6.00	7.14
1.00	17.83	3.75	13.31	7.00	6.44
2.00	17.72	4.00	11.76	8.00	6.02
3.00	16.68	4.50	9.96	9.00	5.78
3.25	14.64	5.00	8.36	9.80	5.75

Lake # 261 3 JUL 73 (Day 184) Time: 09 00 CDT
Air Temperature: 22.3 (C) Wind: 8 - 16 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature: 20.24 (C)
Surface Temperature: 20.39 (C)
Epilimnion Temperature: 20.27 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.39	3.50	16.02	5.00	9.07
0.50	20.32	3.75	14.24	6.00	8.20
1.00	20.27	4.00	13.27	7.00	7.19
2.00	19.76	4.25	11.87	8.00	6.44
3.00	18.52	4.50	10.86	9.00	6.10
3.25	16.76	4.75	9.48	9.80	5.99

Lake # 261 26 JUN 73 (Day 177) Time: 10 00 CDT
Air Temperature: 21 (C) Wind: -
Cloud Cover: 0 /10 Weather Description: RAINING
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 20.7 (C)
Surface Temperature: 21.07 (C)
Epilimnion Temperature: 21.23 (C) Epilimnion Depch (1 C/M): 2.5 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-thermo: 4.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.07	4.00	13.11	8.00	6.31
1.00	21.23	5.00	9.34	9.00	6.06
2.00	20.30	6.00	7.57	9.50	5.93
3.00	17.21	7.00	6.60		

Lake # 261 17 JUL 73 (Day 198) Time: 10 30 CDT
Air Temperature: 24 (C) Wind: 3 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 23.87 (C)
Surface Temperature: 21.66 (C)
Epilimnion Temperature: 21.48 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.66	3.75	16.14	6.00	8.28
1.00	21.48	4.00	14.73	7.00	6.98
2.00	21.34	4.25	13.59	8.00	6.53
3.00	20.50	4.50	12.78	9.00	6.32
3.25	19.17	4.75	11.29	9.50	6.21
3.50	17.81	5.00	10.54		

Lake # 261 24 JUL 73 (Day 205) Time: 10 00 CDT
Air Temperature: 17.5 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 22.69 (C)
Epilimnion Temperature: 22.86 (C)
Planar-Thermocline : 3.125 (M)

Wind: 3 - 8 KMPH
Weather Description: RAINING
Water Color:
Outflow Temperature: 21.3 (C)

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 7.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.69	3.50	18.90	6.00	9.29
1.00	22.86	3.75	17.34	7.00	7.84
2.00	22.92	4.00	15.46	8.00	7.03
3.00	22.28	4.50	13.58	9.00	6.72
3.25	20.34	5.00	11.87	9.70	6.62

Lake # 261 7 AUG 73 (Day 219) Time: 10 00 CDT
Air Temperature: 20 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 24.06 (C)
Epilimnion Temperature: 24.07 (C)
Planar-Thermocline : 4.75 (M)

Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: ORANGE-BROWN
Outflow Temperature: 23.98 (C)

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 4.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.06	3.25	18.97	5.50	10.26
1.00	24.07	3.50	18.20	6.00	9.25
2.00	22.02	3.75	17.34	7.00	7.87
2.25	20.90	4.00	16.50	8.00	7.23
2.50	20.33	4.50	14.71	9.00	6.87
2.75	19.81	5.00	12.23	9.75	6.80
3.00	19.38				

Lake # 261 0 AUG 73 (Day 212) Time: 10 00 CDT
Air Temperature: 21.1 (C)
Cloud Cover: 2 /10
Secchi Visibility: 2.3 (M)
Inflow Temperature:
Surface Temperature: 18.59 (C)
Epilimnion Temperature: 18.45 (C)
Planar-Thermocline : 4.625 (M)

Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 6.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.59	4.50	13.90	6.00	8.78
1.00	18.45	4.75	12.32	7.00	7.30
2.00	18.28	5.00	11.82	8.00	6.63
3.00	18.02	5.25	10.80	9.00	6.44
4.00	16.39	5.50	10.43	9.60	6.36
4.25	15.25	5.75	9.27		

Lake # 261 14 AUG 73 (Day 226) Time: 10 15 CDT
Air Temperature: 17.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 22.48 (C)
Epilimnion Temperature: 22.37 (C)
Planar-Thermocline : 3.625 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 22.53 (C)

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 6.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.48	3.75	17.35	6.00	9.66
1.00	22.37	4.00	16.39	7.00	8.28
2.00	21.75	4.25	15.11	8.00	7.32
3.00	20.13	4.50	14.84	9.00	6.91
3.25	19.70	4.75	14.04	9.60	6.99
3.50	18.98	5.00	12.65		

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Lake # 261 21 AUG 73 (Day 233) Time: 10 45 CDT
Air Temperature: 21 (C) Wind: 3 - 8 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 23.8 (C)
Surface Temperature: 23.63 (C)
Epilimnion Temperature: 23.42 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 3.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.63	4.00	16.97	7.00	7.87
1.00	23.42	5.00	13.33	8.00	7.25
2.00	23.20	6.00	9.79	9.00	7.03
3.00	20.44				

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Lake # 261 28 AUG 73 (Day 240) Time: 09 30 CDT
Air Temperature: 21 (C) Wind: 16 - 24 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 24.66 (C)
Surface Temperature: 24.34 (C)
Epilimnion Temperature: 23.67 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.34	4.00	15.73	5.75	9.89
1.00	23.67	4.25	15.23	6.00	9.48
2.00	23.09	4.50	14.66	7.00	7.95
3.00	21.77	4.75	14.18	8.00	7.10
3.25	19.97	5.00	13.48	9.00	6.87
3.50	18.62	5.25	12.29	9.50	6.84
3.75	17.26	5.50	11.13		

Lake # 261 4 SEP 73 (Day 247) Time: 09 45 CDT
Air Temperature: 17 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 20.78 (C)
Surface Temperature: 20.78 (C)
Epilimnion Temperature: 20.84 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 4.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.78	4.00	17.61	7.00	8.47
1.00	20.84	5.00	13.51	8.00	7.46
2.00	20.84	6.00	9.87	9.00	7.17
3.00	20.68				

Lake # 261 18 SEP 73 (Day 261) Time: 10 20 CDT
Air Temperature: 11 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 13.94 (C)
Surface Temperature: 14.05 (C)
Epilimnion Temperature: 14.05 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 7.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.05	5.00	13.51	6.50	9.01
1.00	14.05	5.50	12.95	7.00	8.21
2.00	14.03	5.75	12.16	8.00	7.53
3.00	13.91	6.00	11.48	9.00	7.34
4.00	13.69	6.25	9.67	9.50	7.16

Lake # 261 11 SEP 73 (Day 254) Time: 09 45 CDT
Air Temperature: 16 (C) Wind: 3 - 8 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 17.88 (C)
Surface Temperature: 18.2 (C)
Epilimnion Temperature: 18.15 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.20	4.50	15.64	6.00	10.09
1.00	18.15	4.75	14.80	7.00	8.97
2.00	18.10	5.00	14.36	8.00	7.74
3.00	18.01	5.25	12.92	9.00	7.36
4.00	17.65	5.50	12.00	9.60	7.31
4.25	17.29	5.75	11.21		

Lake # 261 25 SEP 73 (Day 268) Time: 10 30 CDT
Air Temperature: 12.7 (C) Wind: 3 - 8 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 12 (C)
Surface Temperature: 12.39 (C)
Epilimnion Temperature: 12.24 (C) Epilimnion Depth (1 C/M): 6.75 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 3.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.39	5.00	11.43	7.50	8.90
1.00	12.24	6.00	11.27	7.75	8.27
2.00	12.21	6.50	10.94	8.00	7.79
3.00	12.01	7.00	10.31	9.00	7.39
4.00	11.61	7.25	9.34	9.60	7.20

Lake # 261 2 OCT 73 (Day 275) Time: 10 00 CDT
Air Temperature: 15 (C)
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 13.4 (C)
Epilimnion Temperature: 13.1 (C)
Planar-Thermocline : 7.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature: 13 (C)
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 1.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.40	4.00	11.20	8.00	7.30
1.00	13.10	5.00	10.60	9.00	6.80
2.00	12.60	6.00	10.30	9.60	6.60
3.00	12.10	7.00	9.00		

Lake # 261 23 OCT 73 (Day 296) Time: 10 00 CDT
Air Temperature: 8 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 8.4 (C)
Epilimnion Temperature: 8.4 (C)
Planar-Thermocline : 2.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 8.5 (C)
Epilimnion Depth (1 C/M): 9.6 (M)
Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.40	4.00	7.30	8.00	7.10
1.00	8.40	5.00	7.20	9.00	7.10
2.00	8.00	6.00	7.10	9.60	7.10
3.00	7.40	7.00	7.10		

Lake # 261 9 OCT 73 (Day 282) Time: 10 00 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 13.64 (C)
Epilimnion Temperature: 13.64 (C)
Planar-Thermocline : 7.75 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 14.9 (C)
Epilimnion Depth (1 C/M): 4.75 (M)
Change at Planar-Thermo: 1.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.64	5.00	11.94	7.50	9.15
1.00	13.64	5.50	11.62	8.00	8.20
2.00	13.62	6.00	11.13	8.50	7.82
3.00	13.60	6.50	10.28	9.00	7.52
4.00	13.09	7.00	9.70	9.60	7.38
4.50	12.75				

Lake # 261 4 APR 74 (Day 94) Time: 08 35 CST
Air Temperature: -6.6 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.4 (C)
Epilimnion Temperature: 1.4 (C)
Planar-Thermocline : 1.5 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.80	4.00	4.30	8.00	4.75
1.00	1.40	5.00	4.35	9.00	5.00
2.00	3.90	6.00	4.41	9.50	5.00
3.00	4.00	7.00	4.60		

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Lake # 261 14 MAY 74 (Day 134) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.19 (C)
Epilimnion Temperature: 8.19 (C)
Planar-Thermocline : 1.5 (M)

Wind:
Weather Description:
Water Color:
Outflow Temperature: 8.03 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 1.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.19	4.00	6.10	7.00	5.59
1.00	8.19	5.00	5.92	8.00	5.42
2.00	7.12	6.00	5.78	9.00	5.30
3.00	6.47				

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Lake # 261 29 MAY 74 (Day 149) Time: 09 30 CST
Air Temperature: 18.3 (C)
Cloud Cover: 2 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 16.65 (C)
Epilimnion Temperature: 16.54 (C)
Planar-Thermocline : 2.125 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 16.88 (C)
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: 5.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.65	2.50	9.74	6.00	5.78
1.00	16.54	2.75	8.49	7.00	5.67
1.50	14.54	3.00	8.06	8.00	5.56
2.00	12.43	4.00	6.63	9.00	5.56
2.25	10.94	5.00	6.16	9.40	5.56

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Lake # 261 26 JUN 74 (Day 177) Time: 09 00 CDT
Air Temperature: 21.1 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 22.35 (C)
Epilimnion Temperature: 22.29 (C)
Planar-Thermocline : 2.125 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature: 22.53 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 6.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.35	3.00	12.72	6.00	6.24
1.00	22.29	3.25	11.44	7.00	5.96
2.00	18.33	3.50	10.39	8.00	5.82
2.25	16.69	3.75	9.56	9.00	5.72
2.50	15.68	4.00	8.66	9.50	5.72
2.75	14.15	5.00	6.73		

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Lake # 261 24 JUL 74 (Day 205) Time: 09 45 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 24.23 (C)
Epilimnion Temperature: 24.16 (C)
Planar-Thermocline : 3.875 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 22.9 (C)
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.23	3.50	14.82	6.00	7.21
1.00	24.16	3.75	13.57	7.00	6.51
2.00	24.14	4.00	10.94	8.00	6.26
2.50	21.75	4.50	9.36	9.00	6.01
3.00	17.97	5.00	7.97	9.25	6.43
3.25	15.78				

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Lake # 261 16 AUG 74 (Day 228) Time: 09 30 CDT
Air Temperature: 18.3 (C)
Cloud Cover: 2 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 19.45 (C)
Epilimnion Temperature: 19.34 (C)
Planar-Thermocline : 3.625 (M)

Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: 3.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.45	4.25	12.57	5.75	7.81
1.00	19.34	4.50	11.37	6.00	7.52
2.00	19.27	4.75	9.63	7.00	6.55
3.00	18.94	5.00	9.13	8.00	6.19
3.50	18.30	5.25	8.85	9.00	6.05
3.75	16.01	5.50	8.26	9.25	5.99
4.00	13.85				

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Lake # 261 5 SEP 74 (Day 248) Time: 10 15 CDT
Air Temperature: 18.3 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 14.51 (C)
Epilimnion Temperature: 14.47 (C)
Planar-Thermocline : 5.125 (M)

Wind: -
Weather Description:
Water Color: BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.51	5.00	12.28	7.00	7.03
1.00	14.47	5.25	10.61	8.00	6.52
2.00	14.04	5.50	9.93	9.00	6.43
3.00	13.87	5.75	8.83	9.50	6.31
4.00	13.58	6.00	8.17		

Lake # 261 18 SEP 74 (Day 261) Time: 09 30 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 12.54 (C)
Epilimnion Temperature: 12.54 (C)
Planar-Thermocline : 6.125 (M)

Wind: 3 - 8 KMPH
Weather Description: RAINING
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.875 (M)
Change at Planar-Thermo: 5.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.54	5.00	11.80	6.75	7.72
1.00	12.54	5.75	11.20	7.00	7.34
2.00	12.51	6.00	10.55	8.00	6.96
3.00	12.29	6.25	9.14	9.00	6.71
4.00	12.05	6.50	8.29	9.40	6.64

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Lake # 261 1 OCT 74 (Day 274) Time: 09 20 CDT
Air Temperature: .5 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 8.17 (C)
Epilimnion Temperature: 8.3 (C)
Planar-Thermocline : .5 (M)

Wind: 3 - 6 KMPH
Weather Description: SNOW
Water Color: YELLOW-BROWN
Outflow Temperature: 7.47 (C)
Epilimnion Depth (1 C/M): 8.8 (M)
Change at Planar-Thermo: -.130 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.17	4.00	8.25	7.00	8.11
1.00	8.30	5.00	8.25	8.00	8.02
2.00	8.27	6.00	8.20	8.80	8.02
3.00	8.26				

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Lake # 261 16 OCT 74 (Day 289) Time: 09 45 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 5.78 (C)
Epilimnion Temperature: 5.78 (C)
Planar-Thermocline : 3.5 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 6.42 (C)

Epilimnion Depth (1 C/M): 9.5 (M)
Change at Planar-Thermo: 0.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.78	4.00	5.75	8.00	5.69
1.00	5.78	5.00	5.75	9.00	5.67
2.00	5.78	6.00	5.72	9.50	5.67
3.00	5.78	7.00	5.70		

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Lake # 261 22 MAY 75 (Day 142) Time: 09 30 CDT
Air Temperature: 13.5 (C)
Cloud Cover: 7 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 17.23 (C)
Epilimnion Temperature: 17.39 (C)
Planar-Thermocline : 2.5 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature: 17 (C)

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 6.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.23	3.00	8.34	6.00	4.82
1.00	17.39	4.00	5.94	7.00	4.65
2.00	14.64	5.00	5.08	8.00	4.57

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Lake # 261 0 NOV 74 (Day 304) Time: 09 35 CST
Air Temperature: 4.4 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 7.17 (C)
Epilimnion Temperature: 7.19 (C)
Planar-Thermocline : 3.5 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 1.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.17	4.00	5.56	7.00	5.10
1.00	7.19	5.00	5.23	8.00	5.04
2.00	7.19	6.00	5.14	8.75	5.04
3.00	7.12				

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Lake # 261 5 JUN 75 (Day 156) Time: 10 00 CDT
Air Temperature: 13.66 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 16.23 (C)
Epilimnion Temperature: 16.23 (C)
Planar-Thermocline : 3.375 (M)

Wind: -
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature: 18 (C)

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.23	3.00	12.99	5.00	6.61
1.00	16.23	3.25	11.36	6.00	5.53
2.00	16.23	3.50	9.69	7.00	4.99
2.50	15.69	3.75	8.83	8.00	4.79
2.75	14.16	4.00	7.37	9.00	4.72

****

Lake # 261 19 JUN 75 (Day 170) Time: 10 00 CDT
Air Temperature: 20 (C)
Cloud Cover: 8 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 20.42 (C)
Epilimnion Temperature: 20.26 (C)
Planar-Thermocline : 3.125 (M)
Wind: -
Weather Description:
Water Color: ORANGE
Outflow Temperature: 20 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.42	3.00	14.59	6.00	5.69
1.00	20.26	3.25	12.44	7.00	5.32
2.00	18.63	3.50	10.82	8.00	4.94
2.25	17.61	3.75	9.64	9.00	4.89
2.50	16.69	4.00	8.66	9.50	4.84
2.75	15.72	5.00	6.94		

Lake # 261 17 JUL 75 (Day 198) Time: 08 30 CDT
Air Temperature: 28 (C)
Cloud Cover: 4 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 26.24 (C)
Epilimnion Temperature: 25.78 (C)
Planar-Thermocline : 3.125 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	26.24	3.50	14.50	6.00	6.94
1.00	25.78	3.75	12.03	7.00	6.13
2.00	23.05	4.00	10.63	8.00	5.45
2.50	20.89	4.50	9.04	9.00	5.26
3.00	18.42	5.00	8.44	9.50	5.20
3.25	15.67				

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Lake # 261 3 JUL 75 (Day 184) Time: 09 30 CDT
Air Temperature: 23.5 (C)
Cloud Cover: 3 /10
Secchi Visibility: 2.7 (M)
Inflow Temperature:
Surface Temperature: 24.68 (C)
Epilimnion Temperature: 24.53 (C)
Planar-Thermocline : 2.875 (M)
Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: ORANGE
Outflow Temperature: 25 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 9.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.68	3.25	15.18	6.00	6.56
1.00	24.53	3.50	13.19	7.00	5.96
2.00	22.17	3.75	12.33	8.00	5.48
2.50	20.53	4.00	11.02	9.00	5.26
2.75	19.22	4.50	9.42	9.25	5.22
3.00	16.85	5.00	7.71		

Lake # 261 0 AUG 75 (Day 212) Time: 08 15 CDT
Air Temperature: 28 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 25 (C)
Epilimnion Temperature: 24.99 (C)
Planar-Thermocline : 3.375 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 8.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.00	3.75	12.78	6.00	6.88
1.00	24.99	4.00	11.70	7.00	6.06
2.00	23.36	4.25	10.18	8.00	5.59
3.00	17.70	4.50	9.44	9.00	5.35
3.25	16.17	5.00	8.56	9.50	5.37
3.50	14.16				

Lake # 261 14 AUG 75 (Day 226) Time: 08 30 CDT
Air Temperature: 15 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.19 (C)
Epilimnion Temperature: 20.23 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 9.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.19	3.75	15.51	5.00	8.99
1.00	20.25	4.00	14.59	6.00	7.64
2.00	20.25	4.25	12.22	7.00	6.67
3.00	19.98	4.50	10.93	8.00	5.94
3.25	18.79	4.75	9.53	9.00	5.80
3.50	17.18				

Lake # 261 11 SEP 75 (Day 254) Time: 09 30 CDT
Air Temperature: 6 (C) Wind: 8 - 16 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 13.5 (C)
Surface Temperature: 14.03 (C)
Epilimnion Temperature: 14.07 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.25 (M) Change at Planar-Thermo: 4.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.03	4.25	13.70	6.00	7.91
1.00	14.07	4.50	13.62	7.00	6.99
2.00	14.07	4.75	12.92	8.00	6.20
3.00	14.07	5.00	12.03	9.00	6.18
4.00	14.05	5.50	9.69	9.25	6.12

Lake # 261 28 AUG 75 (Day 240) Time: 08 30 CDT
Air Temperature: 13 (C) Wind: 0 - 8 KMPH
Cloud Cover: 3 /10 Weather Description: WIND VARIES
Secchi Visibility: 3.2 (M) Water Color: DARK -ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.01 (C)
Epilimnion Temperature: 17.1 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.01	4.00	13.47	5.75	8.03
1.00	17.10	4.25	13.00	6.00	7.53
2.00	17.13	4.50	11.60	6.50	6.77
3.00	17.03	4.75	10.29	7.00	6.64
3.25	16.91	5.00	9.64	8.00	5.97
3.50	16.77	5.25	8.94	9.00	5.97
3.75	16.40	5.50	8.58		

Lake # 261 25 SEP 75 (Day 268) Time: 09 40 CDT
Air Temperature: 8.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature: 10 (C)
Surface Temperature: 10.74 (C)
Epilimnion Temperature: 10.74 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 3.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.74	5.00	10.34	6.75	7.31
1.00	10.74	5.50	10.18	7.00	6.50
2.00	10.74	6.00	9.72	8.00	6.07
3.00	10.61	6.25	9.07	9.00	5.55
4.00	10.48	6.50	8.12	9.75	5.53

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Lake # 261 9 OCT 75 (Day 282) Time: 08 45 CDT
Air Temperature: 12.5 (C) Wind: 8 - 11 KMPH
Cloud Cover: 10 /10 Weather Description: RAINING
Secchi Visibility: 3 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.92 (C)
Epilimnion Temperature: 11.92 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.92	5.00	10.76	7.00	7.71
1.00	11.92	6.00	10.48	8.00	6.53
2.00	11.92	6.25	10.00	9.00	6.40
3.00	11.45	6.50	9.74	9.50	6.29
4.00	10.95	6.75	7.96		

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Lake # 261 23 OCT 75 (Day 296) Time: 09 45 CDT
Air Temperature: 4.2 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description: LIGHT RAIN
Secchi Visibility: 2.2 (M) Water Color: PALE -BROWN
Inflow Temperature: Outflow Temperature: 7.9 (C)
Surface Temperature: 8.03 (C)
Epilimnion Temperature: 8.12 (C) Epilimnion Depth (1 C/M): 8.625 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 1.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.03	5.00	8.15	8.25	7.91
1.00	8.12	6.00	8.15	8.50	7.68
2.00	8.15	7.00	8.13	8.75	7.21
3.00	8.18	8.00	8.11	9.00	6.95
4.00	8.18				

Lake # 261 6 NOV 75 (Day 310) Time: 09 05 CST
Air Temperature: 9.12 (C) Wind: 0 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature: 5.61 (C)
Surface Temperature: 5.42 (C)
Epilimnion Temperature: 5.36 (C) Epilimnion Depth (1 C/M): 9.75 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 0.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.42	4.00	5.13	8.00	4.85
1.00	5.36	5.00	5.02	9.00	4.85
2.00	5.32	6.00	5.00	9.75	4.81
3.00	5.25	7.00	4.91		

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Lake # 261 8 MAY 76 (Day 128) Time: 09 07 CDT
Air Temperature: 8 (C) Wind: 0 - 3 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.3 (M) Water Color: BROWN -YELLOW
Inflow Temperature: Outflow Temperature: 7.4 (C)
Surface Temperature: 8.34 (C)
Epilimnion Temperature: 8.32 (C) Epilimnion Depth (1 C/M): 5.75 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 1.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.34	5.50	7.51	7.25	5.66
1.00	8.32	6.00	6.97	7.50	5.58
2.00	8.27	6.25	6.83	7.75	5.52
3.00	8.18	6.50	6.42	8.00	5.49
4.00	8.08	6.75	6.27	9.00	5.45
5.00	7.75	7.00	5.80	9.25	5.46

Lake # 261 21 MAY 76 (Day 141) Time: 09 45 CDT
Air Temperature: 13.05 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.25 (M)
Inflow Temperature:
Surface Temperature: 14.62 (C)
Epilimnion Temperature: 14.72 (C)
Planar-Thermocline : 2.875 (M)
Wind: -
Weather Description:
Water Color: BROWN -YELLOW
Outflow Temperature: 14.67 (C)
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.62	3.00	9.83	5.00	6.86
1.00	14.72	3.25	8.81	6.00	6.52
2.00	14.53	3.50	8.15	7.00	5.94
2.25	14.47	3.75	7.73	8.00	5.73
2.50	13.10	4.00	7.40	8.75	5.63
2.75	11.83				

Lake # 261 4 JUN 76 (Day 155) Time: 09 40 CDT
Air Temperature: 25.47 (C)
Cloud Cover: 2 /10
Secchi Visibility: 3.7 (M)
Inflow Temperature:
Surface Temperature: 22.63 (C)
Epilimnion Temperature: 22.58 (C)
Planar-Thermocline : 2.375 (M)
Wind: -
Weather Description: NO OUTFLOW
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.625 (M)
Change at Planar-Thermo: 8.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.63	3.00	13.23	5.00	7.34
1.00	22.58	3.25	12.19	5.50	6.89
1.50	22.28	3.50	11.04	6.00	6.48
1.75	20.99	3.75	10.29	7.00	6.00
2.00	20.41	4.00	9.46	8.00	5.82
2.25	18.81	4.25	8.55	9.00	5.74
2.50	16.78	4.50	7.97	9.25	5.70
2.75	15.01	4.75	7.62		

Lake # 261 27 MAY 76 (Day 147) Time: 10 00 CDT
Air Temperature: 15.2 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 18.17 (C)
Epilimnion Temperature: 18.14 (C)
Planar-Thermocline : 3.125 (M)
Wind: 24 - 40 KMPH
Weather Description: OUTFLOW DRY
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.875 (M)
Change at Planar-Thermo: 6.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.17	2.75	14.32	4.50	7.66
1.00	18.14	3.00	12.93	4.75	7.45
1.50	18.02	3.25	11.25	5.00	7.17
1.75	17.80	3.50	9.97	6.00	6.51
2.00	17.08	3.75	9.04	7.00	6.07
2.25	16.71	4.00	8.59	8.00	5.77
2.50	15.45	4.25	8.03	8.60	5.74

Lake # 261 11 JUN 76 (Day 162) Time: 09 25 CDT
Air Temperature: 23.5 (C)
Cloud Cover: 4 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 23.66 (C)
Epilimnion Temperature: 23.44 (C)
Planar-Thermocline : 3.125 (M)
Wind: 8 - 16 KMPH
Weather Description: NO OUTFLOW
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 9.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.66	3.25	13.85	5.00	8.01
1.00	23.44	3.50	11.67	5.50	7.46
2.00	22.92	3.75	10.46	6.00	6.93
2.25	21.74	4.00	9.85	7.00	5.98
2.50	20.21	4.25	9.28	8.00	5.83
2.75	18.02	4.50	8.76	9.00	5.80
3.00	16.19	4.75	8.39	9.30	5.77

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Lake # 261 18 JUN 76 (Day 169) Time: 10 15 CDT
Air Temperature: 15.3 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 17.17 (C)
Epilimnion Temperature: 17.18 (C)
Planar-Thermocline : 3.875 (M)

Wind: -
Weather Description: NO OUTFLOW
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.17	3.25	15.88	5.00	8.03
1.00	17.18	3.50	16.69	5.50	7.47
2.00	16.62	3.75	14.76	6.00	7.16
2.25	16.47	4.00	11.99	7.00	6.53
2.50	16.40	4.25	9.72	8.00	6.33
2.75	16.26	4.50	8.80	9.00	6.06
3.00	16.16	4.75	8.38	9.20	5.97

Lake # 261 2 JUL 76 (Day 183) Time: 10 00 CDT
Air Temperature: 26.55 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 22.08 (C)
Epilimnion Temperature: 21.67 (C)
Planar-Thermocline : 3.375 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature: 22.78 (C)

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Therm: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.08	3.25	16.31	5.00	9.30
1.00	21.67	3.50	14.91	5.50	8.36
2.00	20.74	3.75	13.79	6.00	7.38
2.25	20.13	4.00	12.85	7.00	6.57
2.50	19.54	4.25	11.96	8.00	6.39
2.75	18.63	4.50	10.67	8.80	6.20
3.00	17.35	4.75	9.95		

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Lake # 261 . 25 JUN 76 (Day 176) Time: 09 25 CDT
Air Temperature: 20.95 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 21.32 (C)
Epilimnion Temperature: 21.23 (C)
Planar-Thermocline : 4.125 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Therm: 6.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.32	3.00	16.19	4.75	9.19
1.00	21.23	3.25	15.62	5.00	8.51
1.50	20.02	3.50	14.71	6.00	7.17
1.75	19.47	3.75	13.64	7.00	6.40
2.00	19.03	4.00	12.72	8.00	6.06
2.25	18.33	4.25	11.18	9.00	6.01
2.50	17.42	4.50	9.79	9.20	5.92
2.75	16.49				

Lake # 261 9 JUL 76 (Day 190) Time: 09 40 CDT
Air Temperature: 27.3 (C)
Cloud Cover: 5 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 24.36 (C)
Epilimnion Temperature: 24 (C)
Planar-Thermocline : 2.875 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature: 20.72 (C)

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Therm: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.36	3.25	17.22	5.00	9.95
1.00	24.00	3.50	16.01	5.50	8.88
2.00	23.51	3.75	14.73	6.00	7.92
2.25	22.75	4.00	13.63	7.00	6.97
2.50	21.98	4.25	12.31	8.00	6.46
2.75	20.56	4.50	11.37	9.00	6.29
3.00	18.66	4.75	10.43	9.40	6.22

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Lake # 261 16 JUL 76 (Day 197) Time: 09 30 CDT
Air Temperature: 16.1 (C) Wind: 3 - 24 KMPH
Cloud Cover: 4 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 4 (M) Water Color: GREEN -BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.58 (C)
Epilimnion Temperature: 21.59 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 9.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.58	3.75	15.30	5.50	8.74
1.00	21.59	4.00	14.25	6.00	7.86
2.00	21.60	4.25	13.24	7.00	6.88
3.00	20.89	4.50	11.93	8.00	6.41
3.25	19.45	4.75	10.85	9.00	6.21
3.50	17.00	5.00	10.13	9.15	6.19

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Lake # 261 23 JUL 76 (Day 204) Time: 09 20 CDT
Air Temperature: 20.2 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.8 (M) Water Color: GREEN -ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.56 (C)
Epilimnion Temperature: 21.58 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.56	3.50	17.80	5.50	9.40
1.00	21.58	3.75	16.80	6.00	8.29
2.00	21.58	4.00	15.40	7.00	6.97
2.50	21.02	4.25	13.77	8.00	6.46
2.75	20.89	4.50	12.51	9.00	6.29
3.00	20.29	4.75	11.53	9.50	6.29
3.25	19.40	5.00	10.90		

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Lake # 261 30 JUL 76 (Day 211) Time: 10 10 CDT
Air Temperature: 18.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.42 (C)
Epilimnion Temperature: 22.44 (C) Epilimnion Depth (1 C/M): 2.875 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 6.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.42	3.75	17.22	5.50	9.09
1.00	22.44	4.00	15.93	5.75	8.52
2.00	22.40	4.25	14.68	6.00	8.03
2.50	22.18	4.50	13.17	7.00	7.11
2.75	21.94	4.75	12.01	8.00	6.79
3.00	21.28	5.00	11.05	9.00	6.46
3.25	20.21	5.25	10.22	9.30	6.40
3.50	18.49				

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Lake # 261 6 AUG 76 (Day 218) Time: 10 30 CDT
Air Temperature: 15.8 (C) Wind: 8 - 24 KMPH
Cloud Cover: 1 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.43 (C)
Epilimnion Temperature: 20.46 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 7.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.43	4.00	16.19	5.50	9.62
1.00	20.46	4.25	15.10	5.75	8.86
2.00	20.41	4.50	13.72	6.00	8.07
3.00	20.41	4.75	12.58	7.00	7.09
3.25	20.33	5.00	11.53	8.00	6.74
3.50	19.30	5.25	10.49	8.70	6.62

Lake # 261 13 AUG 76 (Day 225) Time: 09 00 CDT
Air Temperature: 19 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature: 20.24 (C)
Surface Temperature: 21.26 (C)
Epilimnion Temperature: 21.27 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.26	3.75	19.01	5.50	10.61
1.00	21.27	4.00	17.95	5.75	9.85
2.00	21.28	4.25	16.76	6.00	8.78
2.50	20.58	4.50	14.81	6.50	7.89
2.75	20.32	4.75	13.12	7.00	7.15
3.00	20.18	5.00	12.13	8.00	6.60
3.25	20.01	5.25	11.15	8.75	6.55
3.50	19.60				

Lake # 261 27 AUG 76 (Day 239) Time: 09 45 CDT
Air Temperature: 22.35 (C) Wind: 3 - 8 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 22.25 (C)
Surface Temperature: 23.15 (C)
Epilimnion Temperature: 23.18 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.15	3.75	19.15	5.75	10.02
1.00	23.18	4.00	18.33	6.00	8.99
2.00	22.76	4.25	16.85	6.25	8.54
2.50	22.06	4.50	15.20	6.50	8.17
2.75	21.22	4.75	14.15	7.00	7.75
3.00	20.53	5.00	13.27	8.00	6.78
3.25	20.08	5.25	12.47	8.70	6.69
3.50	19.56	5.50	11.40		

Lake # 261 20 AUG 76 (Day 232) Time: 10 00 CDT
Air Temperature: 26.3 (C) Wind: 8 - 32 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 23.68 (C)
Surface Temperature: 23.38 (C)
Epilimnion Temperature: 22.35 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.38	4.00	19.04	5.75	10.87
1.00	22.75	4.25	18.36	6.00	9.12
2.00	21.43	4.50	15.62	6.50	8.21
2.50	20.91	4.75	13.93	7.00	7.50
3.00	20.42	5.00	12.89	8.00	7.16
3.50	20.08	5.25	12.26	9.00	7.09
3.75	19.47	5.50	11.80	9.30	7.08

Lake # 261 10 SEP 76 (Day 253) Time: 09 45 CDT
Air Temperature: 14.8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 3 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.9 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.21 (C)
Epilimnion Temperature: 17.2 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 6.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.21	5.00	15.02	6.50	8.59
1.00	17.20	5.25	14.06	6.75	8.15
2.00	17.08	5.50	12.72	7.00	7.87
3.00	16.51	5.75	11.09	8.00	7.13
4.00	16.10	6.00	10.22	9.00	6.92
4.50	16.61	6.25	8.99	9.10	6.87

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Lake # 261 24 SEP 76 (Day 267) Time: 09 40 CDT
Air Temperature: 5.3 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 13.04 (C)
Epilimnion Temperature: 13.1 (C)
Planar-Thermocline : 6.375 (M)

Wind: 0 - 3 KMPH
Weather Description: NO OUTFLOW
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Therm: 7.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.04	5.00	13.01	6.75	8.88
1.00	13.10	5.50	12.95	7.00	8.49
2.00	13.12	6.00	12.75	7.25	8.29
3.00	13.09	6.25	12.49	8.00	7.77
4.00	13.01	6.50	10.57	9.00	7.53

****

Lake # 261 22 OCT 76 (Day 295) Time: 09 30 CDT
Air Temperature: 0 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.1 (M)
Inflow Temperature:
Surface Temperature: 4.08 (C)
Epilimnion Temperature: 4.1 (C)
Planar-Thermocline : 7.5 (M)

Wind: 8 - 16 KMPH
Weather Description: NO OUTFLOW
Water Color: ORANGE-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 8.9 (M)
Change at Planar-Therm: 0.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.08	4.00	4.11	7.00	4.08
1.00	4.10	5.00	4.11	8.00	4.05
2.00	4.10	6.00	4.10	8.90	4.07
3.00	4.11				

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Lake # 261 8 OCT 76 (Day 281) Time: 09 15 CDT
Air Temperature: 2.5 (C)
Cloud Cover: 3 /10
Secchi Visibility: 2.1 (M)
Inflow Temperature:
Surface Temperature: 8.17 (C)
Epilimnion Temperature: 8.2 (C)
Planar-Thermocline : 8.375 (M)

Wind: 0 - 3 KMPH
Weather Description: NO OUTFLOW
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 8.75 (M)
Change at Planar-Therm: 0.307 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.17	4.00	8.17	7.00	8.05
1.00	8.20	5.00	8.14	8.00	8.02
2.00	8.23	6.00	8.13	8.75	7.79
3.00	8.25				

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Lake # 261 11 MAY 77 (Day 131) Time: 09 50 CDT
Air Temperature: 15.9 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 14.1 (C)
Epilimnion Temperature: 13.97 (C)
Planar-Thermocline : 3.375 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature: 14.91 (C)

Epilimnion Depth (1 C/M): 1.75 (M)
Change at Planar-Therm: 5.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.10	3.00	10.62	6.00	5.71
0.50	14.07	3.25	9.89	6.50	5.57
1.00	13.97	3.50	8.45	7.00	5.50
1.50	13.89	3.75	7.50	7.50	5.45
2.00	13.17	4.00	6.80	8.00	5.45
2.25	12.57	4.50	6.21	8.50	5.45
2.50	12.07	5.00	5.93	9.00	5.45
2.75	11.33	5.50	5.78	9.50	5.45

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Lake # 261 8 JUN 77 (Day 159) Time: 09 45 CDT
Air Temperature: 12 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 18.61 (C)
Surface Temperature: 19.16 (C)
Epilimnion Temperature: 19.38 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 9.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.16	3.50	12.73	6.00	7.02
0.50	19.36	3.75	11.37	6.50	6.50
1.00	19.38	4.00	10.57	7.00	6.23
1.50	19.39	4.25	9.72	7.50	5.93
2.00	19.39	4.50	8.99	8.00	5.89
2.50	19.38	4.75	8.81	8.50	5.87
2.75	17.07	5.00	8.40	9.00	5.87
3.00	16.48	5.50	8.07	9.50	5.87
3.25	14.81				

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Lake # 261 6 JUL 77 (Day 187) Time: 09 35 CDT
Air Temperature: 20.94 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.7 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 21.81 (C)
Surface Temperature: 21.76 (C)
Epilimnion Temperature: 21.73 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.76	3.50	14.36	6.00	7.65
1.00	21.73	3.75	13.42	6.50	7.20
2.00	20.85	4.00	12.32	7.00	6.83
2.25	19.72	4.25	11.72	7.50	6.56
2.50	18.80	4.50	10.90	8.00	6.36
2.75	17.95	4.75	10.13	9.00	6.25
3.00	16.05	5.00	9.04	9.50	6.20

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Lake # 261 3 AUG 77 (Day 215) Time: 09 00 CDT
Air Temperature: 17.1 (C) Wind: 2 - 3 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 19.57 (C)
Surface Temperature: 19.78 (C)
Epilimnion Temperature: 19.83 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 7.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.78	4.00	14.96	5.75	8.65
1.00	19.83	4.25	14.35	6.00	8.39
2.00	19.71	4.50	12.54	6.50	7.62
3.00	19.37	4.75	11.45	7.00	7.21
3.25	19.16	5.00	10.87	7.50	6.75
3.50	18.09	5.25	10.42	8.00	6.64
3.75	16.70	5.50	9.45	9.00	6.49

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Lake # 261 0 SEP 77 (Day 243) Time: 10 25 CDT
Air Temperature: 15.28 (C) Wind: 2 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 17 (C)
Surface Temperature: 17.22 (C)
Epilimnion Temperature: 17.26 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.22	4.75	13.95	6.50	8.21
1.00	17.26	5.00	13.32	6.75	7.83
2.00	17.24	5.25	12.49	7.00	7.64
3.00	16.40	5.50	11.22	8.00	7.21
4.00	16.16	5.75	10.05	9.00	6.88
4.25	15.87	6.00	8.92	9.25	6.88
4.50	15.35	6.25	8.54		

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Lake # 261 28 SEP 77 (Day 271) Time: 09 15 CDT
Air Temperature: 11 (C) Wind: 0 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.25 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 11.73 (C)
Surface Temperature: 11.85 (C)
Epilimnion Temperature: 11.87 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 7.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.85	6.25	10.74	8.00	7.44
1.00	11.87	6.50	8.97	8.25	7.04
2.00	11.87	6.75	8.68	8.50	6.82
3.00	11.84	7.00	7.95	8.75	6.70
4.00	11.79	7.25	7.93	9.00	6.59
5.00	11.76	7.50	7.48	9.25	6.57
6.00	11.62	7.75	7.44	9.50	6.56

Lake # 261 17 MAY 78 (Day 137) Time: 09 00 CDT
Air Temperature: 21 (C) Wind: 0 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature: 16 (C)
Surface Temperature: 17.2 (C)
Epilimnion Temperature: 16 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 1.125 (M) Change at Planar-Thermo: 6.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.20	2.50	8.69	5.00	4.86
1.00	16.00	2.75	8.10	5.50	4.82
1.25	14.32	3.00	7.17	6.00	4.71
1.50	13.27	3.50	6.26	7.00	4.56
1.75	11.89	4.00	5.49	8.00	4.54
2.00	11.19	4.50	5.09	9.00	4.54
2.25	9.88				

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Lake # 261 26 OCT 77 (Day 299) Time: 09 05 CDT
Air Temperature: 5.87 (C) Wind: -
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 6.17 (C)
Surface Temperature: 6.51 (C)
Epilimnion Temperature: 6.53 (C) Epilimnion Depth (1 C/M): 9.5 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 0.130 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.51	4.00	6.55	8.00	6.27
1.00	6.53	5.00	6.50	9.00	6.23
2.00	6.55	6.00	6.37	9.50	6.22
3.00	6.55	7.00	6.30		

Lake # 261 14 JUN 78 (Day 165) Time: 07 10 CDT
Air Temperature: 15.4 (C) Wind: 16 - 24 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 11.5 (C)
Surface Temperature: 17.1 (C)
Epilimnion Temperature: 16.5 (C) Epilimnion Depth (1 C/M): .75 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.10	3.25	10.18	5.00	5.29
0.50	17.10	3.50	8.60	5.25	5.19
1.00	16.50	3.75	7.76	5.50	5.11
1.50	16.40	4.00	6.74	6.00	4.82
2.00	15.61	4.25	6.16	7.00	4.52
2.50	14.08	4.50	5.72	8.00	4.39
2.75	12.83	4.75	5.46	9.00	4.37
3.00	10.88				

Lake # 261 12 JUL 78 (Day 193) Time: 06 00 CDT
Air Temperature: 18.1 (C) Wind: 11 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature: 20.1 (C)
Surface Temperature: 21.16 (C)
Epilimnion Temperature: 21.24 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.16	3.25	14.02	5.00	7.19
1.00	21.24	3.50	12.58	5.50	6.62
2.00	21.24	3.75	10.97	6.00	6.25
2.25	20.60	4.00	9.42	6.50	6.01
2.50	19.68	4.25	8.54	7.00	5.86
2.75	18.60	4.50	8.21	8.00	5.67
3.00	16.55	4.75	7.81	9.00	5.57

Lake # 261 9 AUG 78 (Day 221) Time: 06 18 CDT
Air Temperature: 13.8 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 3.15 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.34 (C)
Epilimnion Temperature: 20.39 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 8.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.34	3.50	16.92	5.25	8.50
1.00	20.39	3.75	15.93	5.50	7.92
2.00	20.41	4.00	14.47	6.00	7.24
2.50	19.89	4.25	12.48	6.50	7.72
2.75	19.76	4.50	10.42	7.00	6.31
3.00	19.15	4.75	9.49	8.00	6.01
3.25	18.29	5.00	8.99	9.00	5.86

Lake # 261 6 SEP 78 (Day 249) Time: 07 35 CDT
Air Temperature: 20.75 (C) Wind: 2 - 3 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 22.2 (C)
Surface Temperature: 22.86 (C)
Epilimnion Temperature: 22.35 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 7.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.86	3.00	18.02	5.50	10.01
1.00	22.35	3.25	17.32	5.75	8.60
1.25	21.55	3.50	17.17	6.00	8.12
1.50	20.60	4.00	16.61	6.25	7.64
1.75	20.45	4.25	15.75	6.50	7.15
2.00	19.88	4.50	14.50	7.00	6.86
2.25	19.53	4.75	13.48	8.00	6.21
2.50	18.98	5.00	11.69	9.00	6.07
2.75	18.59	5.25	10.68	9.50	6.06

Lake # 261 4 OCT 78 (Day 277) Time: 07 40 CDT
Air Temperature: [illegible].5 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature: 11.8 (C)
Surface Temperature: 12.07 (C)
Epilimnion Temperature: 12.15 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 3.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.07	5.50	11.39	7.00	7.51
1.00	12.15	5.75	11.06	7.25	6.95
2.00	12.20	6.00	10.40	7.50	6.93
3.00	12.22	6.25	9.58	8.00	6.60
4.00	12.03	6.50	8.78	9.00	6.35
5.00	11.70	6.75	8.46	9.50	6.33
[illegible]	[illegible]				

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Lake # 302 N 5 APR 72 (Day 95) Time: 15 00 CST
Air Temperature: 5 (C) Wind: 16 - 32 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .18 (C)
Epilimnion Temperature: .34 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.18	5.00	4.15	10.00	4.47
1.00	0.34	6.00	4.16	11.00	4.57
2.00	3.00	7.00	4.18	12.00	4.69
3.00	3.76	8.00	4.29	12.25	4.70
4.00	4.07	9.00	4.38		

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Lake # 302 N 5 MAY 72 (Day 125) Time: 09 40 CDT
Air Temperature: 7.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description: ICE OFF
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 5.4 (C)
Surface Temperature: 5.41 (C)
Epilimnion Temperature: 5.46 (C) Epilimnion Depth (1 C/M): 13.6 (M)
Planar-Thermocline : 11.5 (M) Change at Planar-Thermo: 0.220 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.41	5.00	5.21	10.00	4.97
1.00	5.46	6.00	5.21	11.00	4.93
2.00	5.31	7.00	5.16	12.00	4.71
3.00	5.26	8.00	5.13	13.00	4.70
4.00	5.22	9.00	5.09	13.60	4.72

****

Lake # 302 N 19 MAY 72 (Day 139) Time: 09 20 CDT
Air Temperature: 21.1 (C) Wind: 3 - 8 KMPH
Cloud Cover: 6 /10 Weather Description: SUNNY & WARM
Secchi Visibility: 4.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.06 (C)
Epilimnion Temperature: 16.39 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 6.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.06	3.50	8.64	9.00	5.40
1.00	16.39	4.00	8.37	10.00	5.27
2.00	15.38	5.00	7.47	11.00	5.17
2.25	13.70	6.00	7.23	12.00	5.14
2.50	12.97	7.00	6.36	13.00	5.14
2.75	12.23	8.00	5.62	13.80	5.14
3.00	10.94				

****

Lake # 302 N 2 JUN 72 (Day 153) Time: 10 15 CDT
Air Temperature: 23.8 (C) Wind: -
Cloud Cover: 2 /10 Weather Description: CALM
Secchi Visibility: 4.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 18.71 (C)
Surface Temperature: 18.91 (C)
Epilimnion Temperature: 18.61 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.25 (M) Change at Planar-Thermo: 9.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.91	5.00	8.10	10.00	5.37
1.00	18.61	6.00	6.96	11.00	5.30
2.00	18.42	7.00	6.25	12.00	5.29
3.00	16.72	8.00	5.85	13.00	5.27
3.50	12.19	9.00	5.51	14.00	5.24
4.00	9.92				

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Lake # 302 N 16 JUN 72 (Day 167) Time: 10 05 CDT
Air Temperature: 6 (C)
Cloud Cover: 8 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 17.01 (C)
Epilimnion Temperature: 17.11 (C)
Planar-Thermocline : 4.125 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.01	4.50	10.91	9.00	5.81
1.00	17.11	4.75	10.31	10.00	5.62
2.00	17.11	5.00	9.62	11.00	5.56
3.00	17.11	6.00	8.59	12.00	5.51
4.00	16.36	7.00	6.96	13.00	5.50
4.25	13.01	8.00	6.11	13.80	5.48

****

Lake # 302 N 14 JUL 72 (Day 195) Time: 10 45 CDT
Air Temperature:
Cloud Cover: 6 /10
Secchi Visibility: 3.7 (M)
Inflow Temperature:
Surface Temperature: 21.7 (C)
Epilimnion Temperature: 21.7 (C)
Planar-Thermocline : 4.25 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.70	5.00	14.70	9.00	6.70
1.00	21.70	5.50	12.20	10.00	6.30
2.00	21.70	6.00	10.40	11.00	6.20
3.00	21.30	7.00	8.40	12.00	6.10
4.00	19.50	8.00	7.70	13.00	6.10
4.50	16.80				

****

Lake # 302 N 30 JUN 72 (Day 181) Time: 09 35 CDT
Air Temperature:
Cloud Cover: 2 /10
Secchi Visibility: 3.7 (M)
Inflow Temperature:
Surface Temperature: 21.91 (C)
Epilimnion Temperature: 21.76 (C)
Planar-Thermocline : 4.375 (M)

Wind: 0 - 2 KMPH
Weather Description: WIND VARIES
Water Color: GREEN
Outflow Temperature: 22.61 (C)

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 6.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.91	4.00	16.51	8.00	6.76
1.00	21.76	4.25	15.63	9.00	6.11
2.00	21.56	4.50	13.91	10.00	5.86
3.00	19.81	4.75	12.81	11.00	5.73
3.25	18.26	5.00	12.16	12.00	5.66
3.50	17.86	6.00	9.11	13.00	5.61
3.75	17.56	7.00	7.41	14.00	5.61

****

Lake # 302 N 28 JUL 72 (Day 209) Time: 10 00 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 20.85 (C)
Epilimnion Temperature: 20.53 (C)
Planar-Thermocline : 5.125 (M)

Wind: -
Weather Description: CALM
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: 9.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.85	5.25	13.18	9.00	6.95
1.00	20.53	5.50	12.51	10.00	6.33
2.00	20.43	5.75	11.80	11.00	6.34
3.00	20.23	6.00	11.12	12.00	6.22
4.00	20.08	6.50	9.58	13.00	6.20
4.50	18.38	7.00	9.05	14.00	6.17
5.00	15.43	8.00	7.75		

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Lake # 302 N 11 AUG 72 (Day 223) Time: 09 50 CDT
Air Temperature: 15.5 (C) Wind: 16 - 32 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.38 (C)
Epilimnion Temperature: 18.38 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 8.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.38	5.50	14.27	9.00	6.73
1.00	18.38	5.75	12.61	10.00	6.36
2.00	18.38	6.00	11.63	11.00	6.23
3.00	18.38	6.50	9.92	12.00	6.14
4.00	18.38	7.00	9.06	13.00	6.11
5.00	17.48	8.00	7.61	14.10	6.11
5.25	16.35				

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Lake # 302 N 25 AUG 72 (Day 237) Time: 09 30 CDT
Air Temperature: Wind: 3 - 8 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.12 (C)
Epilimnion Temperature: 20.11 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.75 (M) Change at Planar-Thermo: 4.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.12	5.50	15.69	10.00	6.48
1.00	20.11	6.00	13.45	11.00	6.21
2.00	20.06	7.00	9.20	12.00	6.12
3.00	19.59	8.00	7.75	13.00	6.10
4.00	19.24	9.00	6.90	14.10	6.05
5.00	17.32				

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Lake # 302 N 8 SEP 72 (Day 251) Time: 08 20 CDT
Air Temperature: 4.4 (C) Wind: -
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.88 (C)
Epilimnion Temperature: 16.91 (C) Epilimnion Depth (1 C/M): 5.5 (M)
Planar-Thermocline : 6.25 (M) Change at Planar-Thermo: 5.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.88	6.00	14.44	10.00	6.92
1.00	16.91	6.50	11.89	11.00	6.59
2.00	16.92	7.00	10.33	12.00	6.51
3.00	16.92	7.50	9.21	13.00	6.46
4.00	16.92	8.00	8.21	14.00	6.45
5.00	16.83	9.00	7.51		

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Lake # 302 N 15 SEP 72 (Day 258) Time: 13 30 CDT
Air Temperature: 18.3 (C) Wind: 16 - 32 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.83 (C)
Epilimnion Temperature: 16.73 (C) Epilimnion Depth (1 C/M): 6.25 (M)
Planar-Thermocline : 6.25 (M) Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.83	6.00	15.43	10.00	6.81
1.00	16.73	6.50	12.13	11.00	6.66
2.00	16.68	7.00	11.68	12.00	6.64
3.00	16.63	7.50	9.51	13.00	6.61
4.00	16.58	8.00	8.41	14.00	6.59
5.00	15.88	9.00	7.46		

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Lake # 302 N 22 SEP 72 (Day 265) Time: 09 30 CDT
Air Temperature: 3.3 (C) Wind: 32 - 64 KMPH
Cloud Cover: 7 /10 Weather Description: SNOW FALL '
Secchi Visibility: 3.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.23 (C)
Epilimnion Temperature: 14.28 (C) Epilimnion Depth (1 C/M): 6.5 (M)
Planar-Thermocline : 7.25 (M) Change at Planar-Thermo: 5.630 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.23	6.00	14.23	10.00	7.01
1.00	14.28	7.00	12.53	11.00	6.85
2.00	14.33	7.50	9.71	12.00	6.68
3.00	14.33	8.00	8.91	13.00	6.64
4.00	14.33	9.00	7.71	13.90	6.61
5.00	14.33				

****

Lake # 302 N 29 SEP 72 (Day 272) Time: 10 45 CDT
Air Temperature: 4.4 (C) Wind: 16 - 32 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.02 (C)
Epilimnion Temperature: 11.04 (C) Epilimnion Depth (1 C/M): 8.25 (M)
Planar-Thermocline : 8.25 (M) Change at Planar-Thermo: 5.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.02	6.00	11.10	10.00	7.03
1.00	11.04	7.00	11.10	11.00	6.91
2.00	11.07	8.00	11.00	12.00	6.81
3.00	11.09	8.50	8.32	13.00	6.76
4.00	11.10	9.00	7.92	14.00	6.72
5.00	11.10				

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Lake # 302 N 6 OCT 72 (Day 279) Time: 10 10 CDT
Air Temperature: 11 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.56 (C)
Epilimnion Temperature: 10.57 (C) Epilimnion Depth (1 C/M): 9.5 (M)
Planar-Thermocline : 9.5 (M) Change at Planar-Thermo: 2.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.56	5.00	10.18	10.00	6.70
1.00	10.57	6.00	10.12	11.00	6.48
2.00	10.58	7.00	10.04	12.00	6.45
3.00	10.58	8.00	9.81	13.00	6.42
4.00	10.35	9.00	9.22	13.80	6.38

****

Lake # 302 N 13 OCT 72 (Day 286) Time: 10 00 CDT
Air Temperature: 1.6 (C) Wind: 3 - 8 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.3 (C)
Epilimnion Temperature: 9.35 (C) Epilimnion Depth (1 C/M): 14 (M)
Planar-Thermocline : 11.5 (M) Change at Planar-Thermo: 0.450 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.30	5.00	9.00	10.00	8.80
1.00	9.35	6.00	9.00	11.00	8.75
2.00	9.20	7.00	9.00	12.00	8.30
3.00	9.05	8.00	9.00	13.00	8.10
4.00	9.00	9.00	9.00	14.00	8.10

Lake # 302 N 20 OCT 72 (Day 293) Time: 10 45 CDT
Air Temperature: 30 (C)
Cloud Cover: 5 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 5.63 (C)
Epilimnion Temperature: 5.72 (C)
Planar-Thermocline : .5 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 16 (M)
Change at Planar-Thermo: -.090 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.63	5.00	5.76	10.00	5.71
1.00	5.72	6.00	5.79	11.00	5.71
2.00	5.76	7.00	5.72	12.00	5.71
3.00	5.76	8.00	5.72	13.00	5.71
4.00	5.76	9.00	5.71	14.00	5.71

Lake # 302 N 14 DEC 72 (Day 348) Time: 12 15 CST
Air Temperature: -19.4 4 (C)
Cloud Cover: 3 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .32 (C)
Epilimnion Temperature: 1.78 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: CLEAR ICE
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.32	5.00	2.76	10.00	3.38
1.00	1.78	6.00	2.98	11.00	3.49
2.00	2.22	7.00	3.01	12.00	3.65
3.00	2.42	8.00	3.04	13.00	3.71
4.00	2.64	9.00	3.28	14.10	3.91

Lake # 302 N 16 NOV 72 (Day 320) Time: 10 30 CST
Air Temperature: -12.2 (C)
Cloud Cover: 3 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.82 (C)
Epilimnion Temperature: 1.82 (C)
Planar-Thermocline : 2.5 (M)

Wind: 3 - 8 KMPH
Weather Description: CLEAR
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 14 (M)
Change at Planar-Thermo: -.270 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.82	5.00	2.55	10.00	3.08
1.00	1.82	6.00	2.69	11.00	3.19
2.00	1.95	7.00	2.80	12.00	3.27
3.00	2.22	8.00	2.93	13.00	3.36
4.00	2.43	9.00	3.04	14.00	3.48

Lake # 302 N 24 JAN 73 (Day 24) Time: 10 30 CST
Air Temperature: -1 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 1.01 (C)
Planar-Thermocline : 1.5 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.50	5.00	3.18	10.00	3.85
1.00	1.01	6.00	3.31	11.00	3.94
2.00	2.33	7.00	3.49	12.00	4.01
3.00	2.53	8.00	3.62	13.00	4.20
4.00	3.01	9.00	3.73	14.00	4.35

****

Lake # 302 N 21 FEB 73 (Day 52) Time: 11 00 CST
Air Temperature: -17.7 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .28 (C)
Epilimnion Temperature: .38 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.28	5.00	3.30	10.00	3.92
1.00	0.38	6.00	3.48	11.00	3.99
2.00	1.82	7.00	3.58	12.00	4.11
3.00	2.88	8.00	3.69	13.00	4.27
4.00	3.02	9.00	3.82	13.90	4.36

****

Lake # 302 N 21 MAR 73 (Day 80) Time: 09 30 CST
Air Temperature: 1.6 * (C) Wind: 16 - 32 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .28 (C)
Epilimnion Temperature: .7 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.30	5.00	3.51	10.00	4.00
1.00	0.70	6.00	3.65	11.00	4.05
2.00	2.50	7.00	3.80	12.00	4.17
3.00	3.11	8.00	3.90	13.00	4.40
4.00	3.40	9.00	3.98	13.40	4.60

****

Lake # 302 N 17 APR 73 (Day 107) Time: 10 00 CST
Air Temperature: 1.1 (C) Wind: 8 - 16 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .28 (C)
Epilimnion Temperature: 3.9 (C) Epilimnion Depth (1 C/M): .3 (M)
Planar-Thermocline : .3 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.30	5.00	4.10	10.00	4.00
0.50	1.90	6.00	4.10	11.00	4.10
1.00	3.90	7.00	4.00	12.00	4.10
2.00	4.10	8.00	4.00	13.00	4.30
3.00	4.10	9.00	4.00	14.00	4.60
4.00	4.10				

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Lake # 302 N 7 MAY 73 (Day 127) Time: 10 00 CDT
Air Temperature: 7.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature: 7.45 (C)
Surface Temperature: 7.2 (C)
Epilimnion Temperature: 7.22 (C) Epilimnion Depth (1 C/M): 13.8 (M)
Planar-Thermocline : 1.75 (M) Change at Planar-Thermo: 0.780 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.20	4.00	6.38	9.00	5.50
1.00	7.22	4.50	6.12	10.00	5.49
1.50	7.20	5.00	5.98	11.00	5.47
2.00	6.81	6.00	5.78	12.00	5.45
2.50	6.72	7.00	5.54	13.00	5.38
3.00	6.62	8.00	5.32	13.80	5.36
3.50	6.43				

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Lake # 302 N 21 MAY 73 (Day 141) Time: 09 10 CDT
Air Temperature: 10 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 13.65 (C)
Epilimnion Temperature: 13.58 (C)
Planar-Thermocline : 5.5 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 12.72 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Therm: 1.860 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.65	4.00	10.13	9.00	5.55
1.00	13.58	4.50	9.61	10.00	5.47
2.00	12.25	5.00	8.77	11.00	5.45
2.50	11.40	6.00	6.91	12.00	5.41
3.00	11.07	7.00	6.14	13.00	5.40
3.50	10.83	8.00	5.73	13.75	5.37

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Lake # 302 N 18 JUN 73 (Day 169) Time: 10 00 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 17.75 (C)
Epilimnion Temperature: 17.75 (C)
Planar-Thermocline : 4.875 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature: 17.2 (C)
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Therm: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.75	4.75	14.15	9.00	6.10
1.00	17.75	5.00	12.05	10.00	5.85
2.00	17.75	5.25	11.10	11.00	5.78
3.00	17.71	5.50	9.90	12.00	5.71
.00	16.15	6.00	8.58	13.00	5.70
4.25	15.55	7.00	7.45	14.00	5.65
4.50	14.75	8.00	6.68		

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Lake # 302 N 4 JUN 73 (Day 155) Time: 09 00 CDT
Air Temperature: 10 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 16.58 (C)
Epilimnion Temperature: 16.58 (C)
Planar-Thermocline : 4.625 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 15 (C)
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.58	4.75	11.85	10.00	5.81
1.00	16.58	5.00	9.80	11.00	5.55
2.00	16.58	5.50	8.90	12.00	5.50
3.00	16.58	6.00	8.30	13.00	5.50
4.00	16.58	7.00	7.25	14.00	5.45
4.25	15.05	8.00	6.50	14.10	5.45
4.50	14.45	9.00	6.00		

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Lake # 302 N 2 JUL 73 (Day 183) Time: 10 00 CDT
Air Temperature: 23.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 20.95 (C)
Epilimnion Temperature: 20.88 (C)
Planar-Thermocline : 4.875 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature: 21.6 (C)
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Therm: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.95	4.50	16.05	8.00	6.90
0.50	20.90	4.75	15.35	9.00	6.30
1.00	20.88	5.00	13.85	10.00	6.05
2.00	20.80	5.25	13.20	11.00	5.95
3.00	19.30	5.50	12.15	12.00	5.85
4.00	17.90	6.00	10.40	13.00	5.92
4.25	17.35	7.00	7.95	14.00	5.90

Lake # 302 N 16 JUL 73 (Day 197) Time: 09 30 CDT
Air Temperature: 21.1 (C) Wind: 8 - 16 MPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.9 (C)
Epilimnion Temperature: 20.95 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.90	4.75	17.90	8.00	7.50
1.00	20.95	5.00	16.10	9.00	6.85
2.00	20.95	5.25	14.42	10.00	6.35
3.00	20.95	5.50	13.30	11.00	6.19
4.00	20.40	5.75	12.20	12.00	6.10
4.25	19.90	6.00	11.30	13.00	6.02
4.50	19.30	7.00	9.10	14.00	6.00

Lake # 302 N 30 JUL 73 (Day 211) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: 8 - 16 MPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 18.92 (C)
Surface Temperature: 19.17 (C)
Epilimnion Temperature: 19.22 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 8.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.17	5.50	16.21	9.00	6.87
1.00	19.22	5.75	14.29	10.00	6.24
2.00	19.22	6.00	12.12	11.00	6.14
3.00	19.22	6.50	10.74	12.00	6.10
4.00	19.12	7.00	9.62	13.00	6.07
5.00	18.17	8.00	7.92	14.00	6.02
5.25	17.52				

Lake # 302 N 6 AUG 73 (Day 218) Time: 09 30 CDT
Air Temperature: 20 (C) Wind: 3 - 8 MPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.1 (C)
Epilimnion Temperature: 22.4 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 5.75 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.10	5.50	17.10	10.00	7.60
1.00	22.40	6.00	14.10	11.00	7.20
2.00	21.70	6.50	12.40	12.00	7.10
3.00	21.10	7.00	10.80	13.00	6.60
4.00	20.40	8.00	9.30	14.00	6.60
5.00	19.60	9.00	8.10		

Lake # 302 N 13 AUG 73 (Day 225) Time: 10 30 CDT
Air Temperature: 19.2 (C) Wind: 8 - 16 MPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.08 (C)
Epilimnion Temperature: 21.08 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 6.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.08	5.50	16.21	8.00	8.62
1.00	21.08	5.75	14.75	9.00	8.30
2.00	21.05	6.00	13.70	10.00	7.78
3.00	20.88	6.25	12.75	11.00	6.41
4.00	20.30	6.50	11.55	12.00	6.35
4.50	19.50	6.75	11.28	13.00	6.32
5.00	18.52	7.00	9.75	14.00	6.32
5.25	17.60				

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Lake # 302 N 27 AUG 73 (Day 239) Time: 10 00 CDT
Air Temperature: 21 (C) Wind: 8 - 11 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 21.67 (C)
Surface Temperature: 21.84 (C)
Epilimnion Temperature: 21.72 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.84	5.25	17.23	8.00	8.29
1.00	21.72	5.50	16.24	9.00	7.00
2.00	21.70	5.75	14.89	10.00	6.61
3.00	21.63	6.00	13.71	11.00	6.48
4.00	21.37	6.25	12.78	12.00	6.40
4.50	20.26	6.50	12.04	13.00	6.38
4.75	18.96	6.75	11.37	13.75	6.34
5.00	18.23	7.00	10.58		

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Lake # 302 N 3 SEP 73 (Day 246) Time: 10 00 CDT
Air Temperature: 17 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 20 (C)
Surface Temperature: 21.04 (C)
Epilimnion Temperature: 21.05 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 4.460 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.04	5.00	18.79	10.00	6.68
1.00	21.05	6.00	14.33	11.00	6.55
2.00	21.05	7.00	10.98	12.00	6.50
3.00	21.05	8.00	8.34	13.00	6.44
4.00	21.05	9.00	7.28		

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Lake # 302 N 10 SEP 73 (Day 253) Time: 10 00 CDT
Air Temperature: 18 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 17.7 (C)
Surface Temperature: 18.5 (C)
Epilimnion Temperature: 18.5 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 5.75 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.50	5.50	17.30	10.00	6.70
1.00	18.50	6.00	14.50	11.00	6.58
2.00	18.50	6.50	12.75	12.00	6.56
3.00	18.50	7.00	11.50	13.00	6.55
4.00	18.48	8.00	9.19	13.90	6.60
5.00	18.38	9.00	7.70		

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Lake # 302 N 17 SEP 73 (Day 260) Time:
Air Temperature: 11.1 (C) Wind: -
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 13.1 (C)
Surface Temperature: 16.1 (C)
Epilimnion Temperature: 16.4 (C) Epilimnion Depth (1 C/M): 6.5 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 2.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.10	6.00	16.10	11.00	9.10
1.00	16.40	7.00	14.10	12.00	8.80
2.00	16.40	8.00	11.80	13.00	8.80
3.00	16.40	9.00	10.10	14.00	8.60
4.00	16.40	10.00	9.30	14.10	8.60
5.00	16.40				

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Lake # 302 N 24 SEP 73 (Day 267) Time: 10 20 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.37 (C)
Epilimnion Temperature: 12.39 (C)
Planar-Thermocline : 7.875 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.375 (M)
Change at Planar-Thermo: 4.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.37	7.50	11.89	9.75	6.82
1.00	12.39	7.75	10.96	10.00	6.62
2.00	12.39	8.00	9.72	10.25	6.59
3.00	12.39	8.25	8.72	10.50	6.57
4.00	12.39	8.50	8.12	10.75	6.52
5.00	12.39	8.75	7.59	11.00	6.49
6.00	12.37	9.00	7.36	12.00	6.45
7.00	12.27	9.25	7.07	13.00	6.39
7.25	12.17	9.50	6.89	13.75	6.35

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Lake # 302 N 1 OCT 73 (Day 274) Time: 10 45 CDT
Air Temperature: 14 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 13.22 (C)
Epilimnion Temperature: 13.19 (C)
Planar-Thermocline : 8.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature: 13.31 (C)
Epilimnion Depth (1 C/M): 7.5 (M)
Change at Planar-Thermo: 3.260 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.22	5.00	12.87	10.00	6.95
1.00	13.19	6.00	12.54	11.00	6.80
2.00	13.17	7.00	12.07	12.00	6.65
3.00	13.15	8.00	11.00	13.00	6.62
4.00	13.12	9.00	7.74	14.00	6.57

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Lake # 302 N 8 OCT 73 (Day 281) Time: 10 15 CDT
Air Temperature: 15.4 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 12.82 (C)
Epilimnion Temperature: 12.82 (C)
Planar-Thermocline : 8.75 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 12.76 (C)
Epilimnion Depth (1 C/M): 7.125 (M)
Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.82	6.50	12.53	9.00	5.68
1.00	12.82	7.00	12.45	10.00	7.30
2.00	12.81	7.25	11.96	11.00	6.78
3.00	12.80	7.50	11.54	12.00	6.75
4.00	12.80	7.75	11.27	13.00	6.69
5.00	12.78	8.00	10.78	14.00	6.68
6.00	12.69	8.50	9.40		

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Lake # 302 N 22 OCT 73 (Day 295) Time: 09 30 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 9.17 (C)
Epilimnion Temperature: 9.12 (C)
Planar-Thermocline : 10.75 (M)
Wind: 0 - 3 KMPH
Weather Description: WWM.SUNNY
Water Color: PALE -YELLOW
Outflow Temperature: 8.97 (C)
Epilimnion Depth (1 C/M): 10.75 (M)
Change at Planar-Thermo: 1.860 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.17	5.00	8.97	10.50	8.57
0.50	9.17	6.00	8.92	11.00	7.64
1.00	9.12	7.00	8.89	11.50	7.11
2.00	9.12	8.00	8.87	12.00	6.77
3.00	9.12	9.00	8.79	13.00	6.69
4.00	9.01	10.00	8.70	14.00	6.57

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Lake # 302 N 29 OCT 73 (Day 302) Time: 10 00 CST
Air Temperature: 10.6 (C) Wind: 16 - 24 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 5.92 (C)
Surface Temperature: 8.05 (C)
Epilimnion Temperature: 8.03 (C) Epilimnion Depth (1 C/M): 13.8 (M)
Planar-Thermocline : 12.5 (M) Change at Planar-Thermo: 0.610 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.05	5.00	7.99	10.00	7.90
0.50	8.03	6.00	7.95	11.00	7.83
1.00	8.03	7.00	7.93	12.00	7.25
2.00	8.03	8.00	7.92	13.00	6.64
3.00	8.03	9.00	7.92	13.80	6.57
4.00	8.00				

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Lake # 302 N 5 NOV 73 (Day 309) Time: 09 00 CST
Air Temperature: -10 (C) Wind: 16 - 24 KMPH
Cloud Cover: 10 /10 Weather Description: 1 INCH SNOW
Secchi Visibility: 2.5 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature: 2.31 (C)
Surface Temperature: 5.35 (C)
Epilimnion Temperature: 5.35 (C) Epilimnion Depth (1 C/M): 13.75 (M)
Planar-Thermocline : 7.5 (M) Change at Planar-Thermo: 0.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.35	5.00	5.35	10.00	5.29
0.50	5.35	6.00	5.35	11.00	5.27
1.00	5.35	7.00	5.35	12.00	5.25
2.00	5.35	8.00	5.32	13.00	5.25
3.00	5.35	9.00	5.31	13.75	5.25
4.00	5.35				

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Lake # 302 N 19 DEC 73 (Day 353) Time: 09 00 CST
Air Temperature: -15 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .55 (C)
Epilimnion Temperature: 2.27 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.55	5.00	3.80	10.00	4.20
1.00	2.27	6.00	3.86	11.00	4.30
2.00	3.30	7.00	3.92	12.00	4.42
3.00	3.51	8.00	4.05	13.00	4.55
4.00	3.70	9.00	4.10	13.50	4.70

****

Lake # 302 N 23 JAN 74 (Day 23) Time: 10 00 CST
Air Temperature: -17.7 (C) Wind: -
Cloud Cover: 0 /10 Weather Description: LT SNOW,HAZY
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .55 (C)
Epilimnion Temperature: 2.2 (C) Epilimnion Depth (1 C/M): .625 (M)
Planar-Thermocline : .625 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.40	5.00	4.10	10.00	4.45
1.00	2.20	6.00	4.15	11.00	4.55
2.00	3.15	7.00	4.20	12.00	4.68
3.00	3.80	8.00	4.22	13.00	4.85
4.00	4.05	9.00	4.35	13.80	4.90

Lake # 302 N 26 FEB 74 (Day 57) Time: 15 15 CST
Air Temperature: -12.2 (C) Wind: 16 - 32 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .55 (C)
Epilimnion Temperature: .55 (C) Epilimnion Depth (1 C/M): 1.05 (M)
Planar-Thermocline : 1.05 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.79	6.00	4.12	11.00	4.68
2.00	3.93	7.00	4.12	12.00	4.82
3.00	4.03	8.00	4.11	13.00	5.01
4.00	4.13	9.00	4.12	13.20	5.09
5.00	4.13	10.00	4.35		

Lake # 302 N 1 MAY 74 (Day 121) Time: 09 30 CST
Air Temperature: (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: SNOWING
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .55 (C)
Epilimnion Temperature: 4.32 (C) Epilimnion Depth (1 C/M): 13.9 (M)
Planar-Thermocline : 12.5 (M) Change at Planar-Thermo: -.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	4.02	5.00	4.33	10.00	4.42
1.00	4.32	6.00	4.29	11.00	4.52
2.00	4.37	7.00	4.27	12.00	4.54
3.00	4.38	8.00	4.28	13.00	4.98
4.00	4.38	9.00	4.37	13.90	5.02

Lake # 302 N 2 APR 74 (Day 92) Time: 08 55 CST
Air Temperature: -6.67 (C) Wind: -
Cloud Cover: 5 /10 Weather Description: CALM
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .55 (C)
Epilimnion Temperature: 1 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.38	5.00	4.12	10.00	4.24
1.00	1.00	6.00	4.20	11.00	4.56
2.00	3.00	7.00	4.20	12.00	4.74
3.00	3.70	8.00	4.24	13.00	4.90
4.00	4.02	9.00	4.24	13.75	5.04

Lake # 302 N 8 MAY 74 (Day 128) Time: 09 00 CST
Air Temperature: 4.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description: RAINING
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 5.2 (C)
Surface Temperature: 5.4 (C)
Epilimnion Temperature: 5.41 (C) Epilimnion Depth (1 C/M): 13.8 (M)
Planar-Thermocline : 4.5 (M) Change at Planar-Thermo: 0.550 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.40	5.00	4.67	10.00	4.48
1.00	5.41	6.00	4.60	11.00	4.45
2.00	5.41	7.00	4.58	12.00	4.67
3.00	5.34	8.00	4.51	13.00	4.87
4.00	5.22	9.00	4.49	13.80	4.96

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Lake # 302 N 5 JUN 74 (Day 156) Time: 09 45 CST
Air Temperature: 18.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 18.65 (C)
Surface Temperature: 18.78 (C)
Epilimnion Temperature: 18.72 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.78	3.50	11.90	8.00	5.82
1.00	18.72	3.75	10.49	9.00	5.70
2.00	18.20	4.00	9.45	10.00	5.62
2.25	17.70	4.50	8.65	11.00	5.58
2.50	17.35	5.00	7.60	12.00	5.55
2.75	16.60	6.00	6.35	13.00	5.53
3.00	14.10	7.00	6.10	13.90	5.51
3.25	12.40				

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Lake # 302 N 3 JUL 74 (Day 184) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.72 (C)
Epilimnion Temperature: 21.75 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 8.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.72	4.00	15.00	8.00	6.31
1.00	21.75	4.25	13.75	9.00	5.99
2.00	21.77	4.50	12.22	10.00	5.82
3.00	21.05	4.75	11.25	11.00	5.69
3.25	20.15	5.00	10.47	12.00	5.61
3.50	18.61	6.00	8.05	13.00	5.59
3.75	17.12	7.00	7.29		

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Lake # 302 N 0 AUG 74 (Day 212) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.78 (C)
Epilimnion Temperature: 19.8 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 9.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.78	5.00	14.35	8.00	6.70
1.00	19.80	5.25	12.55	9.00	6.20
2.00	19.80	5.50	11.25	10.00	5.91
3.00	19.80	5.75	10.55	11.00	5.83
4.00	19.71	6.00	9.80	12.00	5.82
4.50	17.90	7.00	7.85	13.00	5.80
4.75	15.52				

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Lake # 302 N 26 AUG 74 (Day 238) Time: 09 15 CDT
Air Temperature: 13 (C) Wind: -
Cloud Cover: 9 /10 Weather Description: B DAM BROKEN
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.21 (C)
Epilimnion Temperature: 17.3 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.21	5.50	16.51	8.00	7.65
1.00	17.30	5.75	14.41	9.00	6.65
2.00	17.36	6.00	13.70	10.00	6.20
3.00	17.32	6.25	11.20	11.00	6.10
4.00	17.30	6.50	10.70	12.00	6.00
5.00	17.03	6.75	9.75	13.00	5.98
5.25	16.70	7.00	9.21	14.00	5.97

Lake # 302 N 25 SEP 74 (Day 268) Time: 09 15 CDT
Air Temperature: 5.5 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3.1 (M)
Inflow Temperature:
Surface Temperature: 11.4 (C)
Epilimnion Temperature: 11.4 (C)
Planar-Thermocline : 8.25 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 11 (C)

Epilimnion Depth (1 C/M): 8.25 (M)
Change at Planar-Thermo: 6.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.40	6.00	11.40	10.00	6.55
1.00	11.40	7.00	11.29	11.00	6.40
2.00	11.40	8.00	10.70	12.00	6.30
3.00	11.40	8.50	7.55	13.00	6.22
4.00	11.40	9.00	7.30	14.00	6.20
5.00	11.40				

Lake # 302 N 4 NOV 74 (Day 308) Time: 09 15 CST
Air Temperature: -2.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.25 (M)
Inflow Temperature:
Surface Temperature: 4.85 (C)
Epilimnion Temperature: 4.9 (C)
Planar-Thermocline : .5 (M)

Wind: 0 - 8 KMPH
Weather Description: ICE-VISIBLE
Water Color: PALE -YELLOW
Outflow Temperature: 3.2 (C)

Epilimnion Depth (1 C/M): 13.5 (M)
Change at Planar-Thermo: -.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.85	6.00	4.90	11.00	4.90
1.00	4.90	7.00	4.90	13.00	4.90
3.00	4.90	9.00	4.90	13.50	4.90
5.00	4.90				

Lake # 302 N 23 OCT 74 (Day 296) Time: 08 45 CDT
Air Temperature: 1.6A.# (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 5.88 (C)
Epilimnion Temperature: 5.98 (C)
Planar-Thermocline : .5 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 5 (C)

Epilimnion Depth (1 C/M): 14 (M)
Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.88	5.00	5.98	10.00	5.92
1.00	5.98	6.00	5.98	11.00	5.92
2.00	5.98	7.00	5.98	12.00	5.92
3.00	5.98	8.00	5.98	13.00	5.90
4.00	5.98	9.00	5.92	14.00	5.90

Lake # 302 N 19 NOV 74 (Day 323) Time: 09 30 CST
Air Temperature: -1.1 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surfac- Temperature: 4.85 (C)
Epilimnion Temperature: 2.28 (C)
Planar-Thermocline : .55 (M)

Wind: 8 - 16 KMPH
Weather Description: SNOWING
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 13.8 (M)
Change at Planar-Thermo: -.922 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	1.45	5.00	2.85	10.00	3.43
1.00	2.28	6.00	3.02	11.00	3.51
2.00	2.40	7.00	3.17	12.00	3.60
3.00	2.48	8.00	3.27	13.00	3.67
4.00	2.63	9.00	3.34	13.80	3.66

Lake # 302 N 14 MAY 75 (Day 134) Time: 09 30 CDT
Air Temperature: 7 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.3 (M)
Inflow Temperature:
Surface Temperature: 12.38 (C)
Epilimnion Temperature: 12.6 (C)
Planar-Thermocline : 3.25 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: 8.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.38	4.50	6.77	9.00	4.66
1.00	12.60	5.00	5.59	10.00	4.54
2.00	12.44	6.00	4.92	11.00	4.49
3.00	12.38	7.00	4.85	12.00	4.46
3.50	8.02	8.00	4.70	13.00	4.46
4.00	7.58				

Lake # 302 N 11 JUN 75 (Day 162) Time: 08 35 CDT
Air Temperature: 17.1 (C)
Cloud Cover: 5 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 16.7 (C)
Epilimnion Temperature: 16.69 (C)
Planar-Thermocline : 4.375 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 6.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.70	4.00	13.19	8.00	5.22
1.00	16.69	4.25	12.09	9.00	4.95
2.00	16.66	4.50	10.52	10.00	4.79
2.50	16.64	4.75	9.77	11.00	4.75
3.00	16.37	5.00	8.82	12.00	4.72
3.25	15.88	5.50	7.15	13.00	4.69
3.50	15.40	6.00	6.40	14.00	4.70
3.75	14.64	7.00	5.64		

Lake # 302 N 28 MAY 75 (Day 148) Time: 08 45 CDT
Air Temperature: 17.2 (C)
Cloud Cover: .5 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 17.77 (C)
Epilimnion Temperature: 17.7 (C)
Planar-Thermocline : 3.875 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.75 (M)
Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.77	3.75	12.33	9.00	4.75
1.00	17.70	4.00	10.55	10.00	4.63
2.00	17.63	4.50	8.18	11.00	4.58
2.50	17.50	5.00	7.42	12.00	4.57
3.00	16.72	6.00	6.12	13.00	4.57
3.25	15.61	7.00	5.85	14.00	4.58
3.50	13.96	8.00	5.01		

Lake # 302 N 25 JUN 75 (Day 176) Time: 09 00 CDT
Air Temperature: 21 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 21.68 (C)
Epilimnion Temperature: 21.59 (C)
Planar-Thermocline : 4.625 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 22.5 (C)
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 6.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.68	4.25	15.07	8.00	5.80
1.00	21.59	4.50	14.16	9.00	5.12
2.00	20.63	4.75	12.65	10.00	4.94
3.00	19.97	5.00	12.11	11.00	4.89
3.25	19.45	5.50	9.15	12.00	4.86
3.50	18.58	6.00	7.56	13.00	4.84
3.75	17.83	7.00	6.77	14.00	4.84
4.00	16.48				

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Lake # 302 N 9 JUL 75 (Day 190) Time: 08 00 CDT
Air Temperature: 13 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3.1 (M)
Inflow Temperature:
Surface Temperature: 22.08 (C)
Epilimnion Temperature: 22.37 (C)
Planar-Thermocline : 3.625 (M)
Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.08	4.25	16.51	8.00	6.34
1.00	22.37	4.50	13.46	9.00	5.37
2.00	22.44	4.75	13.08	10.00	5.14
3.00	22.11	5.00	11.68	11.00	4.99
3.50	21.58	5.50	10.18	12.00	4.94
3.75	18.15	6.00	8.56	13.00	4.89
4.00	17.50	7.00	7.15	13.90	4.86

Lake # 302 N 6 AUG 75 (Day 218) Time: 08 30 CDT
Air Temperature: 19.3 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 21.68 (C)
Epilimnion Temperature: 21.77 (C)
Planar-Thermocline : 4.375 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.68	4.75	16.10	8.00	6.72
1.00	21.77	5.00	14.56	9.00	6.07
2.00	21.78	5.25	12.97	10.00	5.48
3.00	21.78	5.50	12.52	11.00	5.11
4.00	21.32	5.75	11.36	12.00	5.09
4.25	20.09	6.00	10.20	13.00	5.08
4.50	14.82	7.00	8.07	13.50	5.08

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Lake # 302 N 23 JUL 75 (Day 204) Time: 08 30 CDT
Air Temperature: 22 (C)
Cloud Cover: 8 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 22.95 (C)
Epilimnion Temperature: 22.97 (C)
Planar-Thermocline : 4.125 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.95	4.75	15.72	8.00	6.34
1.00	22.97	5.00	14.32	9.00	5.59
2.00	22.97	5.25	12.44	10.00	5.34
3.00	22.95	5.50	11.20	11.00	4.99
3.75	21.35	5.75	9.85	12.00	4.94
4.00	20.74	6.00	9.42	13.00	4.89
4.25	17.93	7.00	7.80	13.80	4.84
4.50	16.72				

Lake # 302 N 20 AUG 75 (Day 232) Time: 08 00 CDT
Air Temperature: 13 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 18.8 (C)
Epilimnion Temperature: 18.85 (C)
Planar-Thermocline : 5.125 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.75 (M)
Change at Planar-Thermo: 8.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.80	5.00	17.90	8.00	6.99
1.00	18.85	5.25	15.77	9.00	5.89
2.00	18.89	5.50	14.64	10.00	5.49
3.00	18.89	5.75	12.54	11.00	5.31
3.50	18.90	6.00	10.66	12.00	5.19
4.00	18.89	6.50	9.29	13.00	5.16
4.50	18.66	7.00	7.75	13.50	5.19

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Lake # 302 N 3 SEP 75 (Day 246) Time: 09 30 CDT
Air Temperature: 14 (C)
Cloud Cover: 8 /10
Secchi Visibility: 3.75 (M)
Inflow Temperature:
Surface Temperature: 17.01 (C)
Epilimnion Temperature: 17.18 (C)
Planar-Thermocline : 5.875 (M)
Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.25 (M)
Change at Planar-Thermo: 5.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.01	5.50	15.39	9.00	5.80
1.00	17.18	5.75	14.06	10.00	5.64
2.00	17.22	6.00	12.63	11.00	5.61
3.00	17.25	6.50	10.92	12.00	5.47
4.00	17.25	7.00	8.58	13.00	5.45
5.00	17.15	8.00	8.30	13.50	5.45

Lake # 302 N 1 OCT 75 (Day 274) Time: 08 45 CDT
Air Temperature: 3.98 (C)
Cloud Cover: 8 /10
Secchi Visibility: 3.25 (M)
Inflow Temperature:
Surface Temperature: 11.68 (C)
Epilimnion Temperature: 11.89 (C)
Planar-Thermocline : 8.125 (M)
Wind: 8 - 16 KMPH
Weather Description: NO OUTFLOW
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.25 (M)
Change at Planar-Thermo: 5.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.68	6.00	11.90	9.00	6.74
1.00	11.89	7.00	11.68	10.00	6.18
2.00	11.92	7.50	10.37	11.00	5.83
3.00	11.94	8.00	9.47	12.00	5.69
4.00	11.92	8.25	8.13	13.00	5.64
5.00	11.92	8.50	7.53	13.50	5.62

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Lake # 302 N 17 SEP 75 (Day 260) Time: 08 30 CDT
Air Temperature: 11.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 13.51 (C)
Epilimnion Temperature: 13.51 (C)
Planar-Thermocline : 6.875 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.25 (M)
Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.51	6.00	13.10	9.00	6.72
1.00	13.51	6.50	12.38	10.00	5.62
2.00	13.51	6.75	12.11	11.00	5.53
3.00	13.51	7.00	10.44	12.00	5.30
4.00	13.51	7.50	8.34	13.00	5.28
5.00	13.38	8.00	7.28	13.75	5.28

Lake # 302 N 15 OCT 75 (Day 288) Time: 08 40 CDT
Air Temperature: 4.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 10.39 (C)
Epilimnion Temperature: 10.41 (C)
Planar-Thermocline : 8.375 (M)
Wind: -
Weather Description: NO WIND
Water Color: PALE -YELLOW
Outflow Temperature: 6.5 (C)
Epilimnion Depth (1 C/M): 8.375 (M)
Change at Planar-Thermo: 5.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.39	6.00	10.44	9.00	7.43
1.00	10.41	7.00	10.44	10.00	6.27
2.00	10.44	8.00	10.44	11.00	5.99
3.00	10.44	8.25	10.29	12.00	5.86
4.00	10.44	8.50	8.86	13.00	5.83
5.00	10.44	8.75	8.69	13.75	5.77

Lake # 302 N 29 OCT 75 (Day 302) Time: 08 50 CST
Air Temperature: 2.7 (C)
Cloud Cover: 9 /10
Secchi Visibility: 1.75 (M)
Inflow Temperature:
Surface Temperature: 6.7 (C)
Epilimnion Temperature: 6.76 (C)
Planar-Thermocline : 13.375 (M)
Wind: -
Weather Description: NO WIND
Water Color: PALE -YELLOW
Outflow Temperature: 4 (C)
Epilimnion Depth (1 C/M): 13.75 (M)
Change at Planar-Thermo: 0.227 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.70	5.00	6.76	10.00	6.76
1.00	6.76	6.00	6.76	11.00	6.72
2.00	6.76	7.00	6.76	12.00	6.72
3.00	6.76	8.00	6.76	13.00	6.72
4.00	6.76	9.00	6.76	13.75	6.55

Lake # 302 N 29 APR 76 (Day 119) Time: 14 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 7.16 (C)
Epilimnion Temperature: 7.09 (C)
Planar-Thermocline : 2.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature: 9.21 (C)
Epilimnion Depth (1 C/M): 14 (M)
Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.16	5.00	5.70	10.00	5.08
1.00	7.09	6.00	5.56	11.00	5.06
2.00	6.90	7.00	5.46	12.00	5.03
3.00	6.30	8.00	5.24	13.00	5.00
4.00	5.92	9.00	5.08	14.00	4.95

Lake # 302 N 12 NOV 75 (Day 316) Time: 09 00 CST
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.3 (M)
Inflow Temperature:
Surface Temperature: 4.89 (C)
Epilimnion Temperature: 5.01 (C)
Planar-Thermocline : .5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 11.5 (M)
Change at Planar-Thermo: -.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.89	5.00	5.11	9.00	5.13
1.00	5.01	6.00	5.11	10.00	5.13
2.00	5.03	7.00	5.11	11.00	5.13
3.00	5.05	8.00	5.13	11.50	5.13
4.00	5.09				

Lake # 302 N 7 MAY 76 (Day 127) Time: 09 40 CDT
Air Temperature: 0 (C)
Cloud Cover: 3 /10
Secchi Visibility: 1.9 (M)
Inflow Temperature:
Surface Temperature: 6.63 (C)
Epilimnion Temperature: 6.66 (C)
Planar-Thermocline : 9.5 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 5.5 (C)
Epilimnion Depth (1 C/M): 13.8 (M)
Change at Planar-Thermo: 0.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.63	5.00	6.56	10.00	5.75
1.00	6.66	6.00	6.55	11.00	5.60
2.00	6.63	7.00	6.51	12.00	5.44
3.00	6.63	8.00	6.35	13.00	5.39
4.00	6.59	9.00	6.25	13.80	5.19

Lake # 302 N 20 MAY 76 (Day 140) Time: 09 10 CDT
Air Temperature: 16.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature: 12.27 (C)
Surface Temperature: 13.13 (C)
Epilimnion Temperature: 13.17 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 3.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.13	4.25	9.24	8.00	6.32
1.00	13.17	4.50	8.90	9.00	6.21
2.00	13.07	4.75	8.50	10.00	6.14
3.00	12.20	5.00	8.36	11.00	6.10
3.25	11.77	5.50	7.75	12.00	6.09
3.50	11.51	6.00	7.23	13.00	6.07
3.75	10.87	7.00	6.64	14.00	6.04
4.00	9.95				

Lake # 302 N 17 JUN 76 (Day 168) Time: 08 45 CDT
Air Temperature: 12.12 (C) Wind: 0 - 3 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature: 14.91 (C)
Surface Temperature: 17.32 (C)
Epilimnion Temperature: 17.33 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.32	4.75	12.25	9.00	6.30
1.00	17.33	5.00	10.86	10.00	6.18
2.00	17.27	5.25	9.75	11.00	6.14
3.00	17.26	5.50	9.35	12.00	6.08
4.00	16.35	6.00	8.28	13.00	6.07
4.25	15.73	7.00	7.44	13.75	6.03
4.50	13.13	8.00	6.96		

Lake # 302 N 3 JUN 76 (Day 154) Time: 09 00 CDT
Air Temperature: 20.72 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 19.03 (C)
Surface Temperature: 21.09 (C)
Epilimnion Temperature: 21.11 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 5.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.09	3.75	13.67	7.00	6.92
1.00	21.11	4.00	12.20	8.00	6.50
2.00	20.19	4.25	11.04	9.00	6.26
2.25	19.22	4.50	10.34	10.00	6.14
2.50	18.76	4.75	9.66	11.00	6.08
2.75	17.85	5.00	9.20	12.00	6.06
3.00	16.73	5.50	8.40	13.00	6.01
3.25	15.58	6.00	7.72	13.70	5.97
3.50	14.77	6.50	7.35		

Lake # 302 N 1 JUL 76 (Day 182) Time: 08 50 CDT
Air Temperature: 18.65 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 18.43 (C)
Surface Temperature: 19.79 (C)
Epilimnion Temperature: 19.76 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.79	4.50	15.07	8.00	6.86
1.00	19.76	4.75	13.61	9.00	6.52
2.00	19.64	5.00	12.51	10.00	6.30
3.00	19.44	5.25	11.48	11.00	6.20
3.50	19.06	5.50	10.56	12.00	6.15
3.75	18.87	5.75	9.73	13.00	6.13
4.00	17.83	6.00	9.25	13.90	6.05
4.25	16.26	7.00	7.62		

Lake # 302 N 15 JUL 76 (Day 196) Time: 09 00 CDT
Air Temperature: 23 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 20.67 (C)
Surface Temperature: 21.96 (C)
Epilimnion Temperature: 21.98 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 7.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.96	4.50	15.84	8.00	7.22
1.00	21.98	4.75	14.37	9.00	6.76
2.00	21.98	5.00	13.47	10.00	6.45
3.00	21.81	5.25	12.33	11.00	6.31
3.50	21.07	5.50	11.71	12.00	6.23
3.75	20.27	5.75	10.39	13.00	6.19
4.00	18.36	6.00	9.94	13.80	6.18
4.25	16.90	7.00	8.56		

Lake # 302 N 29 JUL 76 (Day 210) Time: 09 00 CDT
Air Temperature: 18 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 21.65 (C)
Surface Temperature: 22.6 (C)
Epilimnion Temperature: 22.79 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.60	4.25	19.38	7.00	8.26
1.00	22.79	4.50	17.73	8.00	7.27
2.00	22.78	4.75	16.17	9.00	6.70
3.00	22.49	5.00	14.67	10.00	6.43
3.25	22.29	5.25	13.43	11.00	6.34
3.50	22.22	5.50	12.36	12.00	6.29
3.75	21.49	5.75	11.60	13.00	6.29
4.00	20.71	6.00	10.73	13.70	6.24

Lake # 302 N 12 AUG 76 (Day 224) Time: 09 00 CDT
Air Temperature: 21.7 (C) Wind: 8 - 16 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.3 (C)
Epilimnion Temperature: 21.29 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 9.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.30	5.25	15.26	7.50	8.34
1.00	21.29	5.50	13.63	8.00	7.93
2.00	21.24	5.75	12.64	9.00	6.98
3.00	20.96	6.00	11.30	10.00	6.58
4.00	20.68	6.25	10.41	11.00	6.44
4.25	20.53	6.50	9.94	12.00	6.40
4.50	19.54	6.75	9.52	13.00	6.38
4.75	18.71	7.00	9.18	13.60	6.35
5.00	17.57				

Lake # 302 N 26 AUG 76 (Day 238) Time: 10 35 CDT
Air Temperature: 25.4 (C) Wind: -
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature: 21.2 (C)
Surface Temperature: 22.95 (C)
Epilimnion Temperature: 22.72 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 6.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.95	5.00	17.42	7.50	8.60
1.00	22.72	5.25	16.28	8.00	8.15
2.00	22.50	5.50	15.46	9.00	7.40
3.00	22.22	5.75	13.91	10.00	6.85
3.50	21.57	6.00	13.10	11.00	6.67
4.00	20.96	6.25	11.51	12.00	6.60
4.25	20.31	6.50	10.50	13.00	6.59
4.50	19.41	6.75	9.93	13.75	6.52
4.75	18.56	7.00	9.62		

Lake # 302 N 9 SEP 76 (Day 252) Time: 09 20 CDT
Air Temperature: 17.6 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.25 (M)
Inflow Temperature:
Surface Temperature: 17.97 (C)
Epilimnion Temperature: 17.82 (C)
Planar-Thermocline : 5.625 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature: 16.54 (C)
Epilimnion Depth (1 C/M): 5.25 (M)
Change at Planar-Thermo: 5.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.97	5.75	14.69	7.75	8.70
1.00	17.82	6.00	14.45	8.00	8.19
2.00	18.03	6.25	13.38	9.00	7.32
3.00	17.77	6.50	11.98	10.00	6.64
4.00	17.17	6.75	10.64	11.00	6.14
4.50	17.04	7.00	9.91	12.00	6.13
5.00	16.78	7.25	9.51	13.00	6.10
5.50	16.15	7.50	9.09	13.60	6.09

Lake # 302 N 7 OCT 76 (Day 280) Time: 09 00 CDT
Air Temperature: 6.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 10.44 (C)
Epilimnion Temperature: 10.47 (C)
Planar-Thermocline : 8.625 (M)
Wind: 3 - 8 KMPH
Weather Description: OF-TRICKLE
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.625 (M)
Change at Planar-Thermo: 3.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.44	7.00	10.51	9.75	7.34
1.00	10.47	8.00	10.48	10.00	7.15
2.00	10.49	8.50	10.20	11.00	7.03
3.00	10.50	8.75	9.44	12.00	6.93
4.00	10.51	9.00	8.84	13.00	6.88
5.00	10.51	9.25	8.14	13.50	6.85
6.00	10.51	9.50	7.55		

Lake # 302 N 23 SEP 76 (Day 266) Time: 10 30 CDT
Air Temperature: 8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 14.75 (C)
Epilimnion Temperature: 14.75 (C)
Planar-Thermocline : 7.125 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: 5.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.75	6.50	13.91	8.50	7.96
1.00	14.75	6.75	13.69	8.75	7.72
2.00	14.75	7.00	12.73	9.00	7.45
3.00	14.74	7.25	11.29	10.00	7.03
4.00	14.74	7.50	9.89	11.00	6.85
5.00	14.72	7.75	9.23	12.00	6.75
5.50	14.72	8.00	8.70	13.00	6.73
6.00	14.64	8.25	8.35	13.60	6.71
6.25	14.29				

Lake # 302 N 21 OCT 76 (Day 294) Time: 08 45 CDT
Air Temperature: 1 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 6.52 (C)
Epilimnion Temperature: 6.58 (C)
Planar-Thermocline : 11.5 (M)
Wind: 3 - 8 KMPH
Weather Description: OF-TRICKLE
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 13.5 (M)
Change at Planar-Thermo: 0.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.52	5.00	6.60	10.00	6.58
1.00	6.58	6.00	6.61	11.00	6.56
2.00	6.60	7.00	6.61	12.00	6.48
3.00	6.61	8.00	6.60	13.00	6.43
4.00	6.60	9.00	6.60	13.50	6.44

Lake # 302 N 0 JUN 78 (Day 151) Time: 09 00 CDT
Air Temperature: 8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.3 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature: 14.5 (C)
Surface Temperature: 15.54 (C)
Epilimnion Temperature: 15.54 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 9.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.54	4.00	9.66	7.00	5.34
1.00	15.54	4.25	8.64	8.00	5.79
2.00	15.54	4.50	7.96	9.00	4.63
3.00	15.54	5.00	7.02	10.00	4.61
3.25	15.28	5.50	6.42	11.00	4.61
3.50	13.39	6.00	6.03	12.00	4.61
3.75	12.13	6.50	5.60	13.00	4.61

Lake # 302 N 26 JUL 78 (Day 207) Time: 07 55 CDT
Air Temperature: 20.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 21.27 (C)
Surface Temperature: 21.82 (C)
Epilimnion Temperature: 21.82 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.82	4.75	13.87	7.50	6.10
1.00	21.82	5.00	12.57	8.00	5.54
2.00	21.82	5.25	11.29	8.50	5.32
3.00	21.63	5.50	10.45	9.00	5.13
3.50	21.15	5.75	9.30	10.00	4.94
3.75	20.38	6.00	8.60	11.00	4.94
4.00	18.81	6.25	7.76	12.00	4.94
4.25	17.25	6.50	7.52	13.00	4.94
4.50	15.30	7.00	6.79		

Lake # 302 N 28 JUN 78 (Day 179) Time: 08 50 CDT
Air Temperature: 19.6 (C) Wind: 5 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature: 19.6 (C)
Surface Temperature: 20.42 (C)
Epilimnion Temperature: 20.42 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 6.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.42	3.75	16.17	6.00	6.94
1.00	20.42	4.00	14.73	6.50	6.35
2.00	20.31	4.25	13.13	7.00	5.83
2.25	19.42	4.50	12.03	7.50	5.52
2.50	19.26	4.75	11.08	8.00	5.36
2.75	19.03	5.00	9.89	9.00	4.77
3.00	18.38	5.25	8.45	10.00	4.68
3.25	16.69	5.50	7.61	11.00	4.60
3.50	16.37	5.75	7.45	12.00	4.65

Lake # 302 N 23 AUG 78 (Day 235) Time: 08 08 CDT
Air Temperature: 13.18 (C) Wind: 5 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 17.2 (C)
Surface Temperature: 17.86 (C)
Epilimnion Temperature: 17.96 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.86	5.75	12.65	7.75	6.68
1.00	17.96	6.00	11.69	8.00	6.35
2.00	17.98	6.25	10.58	9.00	5.53
3.00	17.98	6.50	9.40	10.00	5.32
4.00	17.98	6.75	8.85	11.00	5.22
5.00	17.25	7.00	8.10	12.00	5.19
5.25	16.26	7.25	7.53	13.00	5.19
5.50	15.16	7.50	6.94		

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Lake # 302 N 20 SEP 78 (Day 263) Time: 08 10 CDT
Air Temperature: 9.8 (C) Wind: 2 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 13.2 (C)
Surface Temperature: 13.73 (C)
Epilimnion Temperature: 13.78 (C) Epilimnion Depth (1 C/M): 6.375 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 6.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.73	6.75	12.78	8.50	6.63
1.00	13.78	7.00	11.71	9.00	6.03
2.00	13.77	7.25	10.09	10.00	5.66
3.00	13.78	7.50	8.70	11.00	5.41
4.00	13.80	7.75	7.96	12.00	5.35
5.00	13.80	8.00	7.42	13.00	5.31
6.00	13.62	8.25	6.97	13.20	5.30

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Lake # 302 N 11 JUN 80 (Day 162) Time: 08 35 CDT
Air Temperature: 14.2 (C) Wind: 7 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 13.5 (C)
Surface Temperature: 16.9 (C)
Epilimnion Temperature: 16.91 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 7.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.90	4.50	12.34	6.75	7.22
1.00	16.91	4.75	11.60	7.00	6.79
2.00	16.91	5.00	10.90	8.00	6.11
3.00	16.90	5.25	10.23	9.00	5.83
3.25	16.74	5.50	9.13	10.00	5.71
3.50	16.58	5.75	8.62	11.00	5.61
3.75	16.50	6.00	7.96	12.00	5.51
4.00	15.82	6.25	7.63	13.00	5.49
4.25	14.07	6.50	7.46		

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Lake # 302 N 18 OCT 78 (Day 291) Time: 08 15 CDT
Air Temperature: 2 (C) Wind: 0 - 8 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature: 6.4 (C)
Surface Temperature: 8.38 (C)
Epilimnion Temperature: 8.38 (C) Epilimnion Depth (1 C/M): 9.375 (M)
Planar-Thermocline : 9.875 (M) Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.38	7.00	8.38	10.50	6.00
1.00	8.38	8.00	8.38	10.75	5.92
2.00	8.38	9.00	8.34	11.00	5.79
3.00	8.38	9.75	7.18	12.00	5.70
4.00	8.38	10.00	6.38	13.00	5.62
5.00	8.38	10.25	6.13	13.25	5.62
6.00	8.38				

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Lake # 302 N 9 JUL 80 (Day 190) Time: 08 20 CDT
Air Temperature: 23 (C) Wind: 0 - -1 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 17.4 (C)
Surface Temperature: 20.57 (C)
Epilimnion Temperature: 20.57 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 8.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.57	4.75	17.74	7.25	7.89
1.00	20.57	5.00	15.73	7.50	7.55
2.00	20.45	5.25	14.00	7.75	7.33
3.00	20.49	5.50	12.50	8.00	7.11
3.25	20.31	5.75	11.93	9.00	6.34
3.50	20.29	6.00	10.70	10.00	6.02
3.75	20.19	6.25	9.63	11.00	5.90
4.00	19.99	6.50	9.22	12.00	5.84
4.25	19.61	6.75	8.89	13.00	5.78
4.50	18.85	7.00	8.36		

Lake # 302 N 6 AUG 80 (Day 218) Time: 08 20 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 21.2 (C)
Epilimnion Temperature: 21.22 (C)
Planar-Thermocline : 5.875 (M)
Wind: 10 - 12 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 17.8 (C)
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 8.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	5.75	15.49	7.75	8.42
1.00	21.22	6.00	13.30	8.00	8.03
2.00	21.22	6.25	11.88	9.00	7.01
3.00	21.24	6.50	11.12	10.00	6.42
4.00	21.24	6.75	10.76	11.00	6.24
5.00	20.82	7.00	9.91	12.00	6.17
5.25	18.81	7.25	9.36	13.00	6.10
5.50	16.68	7.50	8.62		

Lake # 302 N 1 OCT 80 (Day 274) Time: 08 15 CDT
Air Temperature: 9.4 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 11.68 (C)
Epilimnion Temperature: 11.68 (C)
Planar-Thermocline : 9.375 (M)
Wind: 5 - 10 KMPH
Weather Description: OVERCAST
Water Color: PALE -YELLOW
Outflow Temperature: 10.6 (C)
Epilimnion Depth (1 C/M): 9.125 (M)
Change at Planar-Thermo: 3.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.68	7.00	11.09	10.25	7.42
1.00	11.68	8.00	10.90	10.50	7.19
2.00	11.67	9.00	10.30	10.75	7.03
3.00	11.50	9.25	9.79	11.00	6.92
4.00	11.45	9.50	9.04	12.00	6.78
5.00	11.30	9.75	8.57	13.00	6.71
6.00	11.21	10.00	7.85	13.40	6.67

Lake # 302 N 3 SEP 80 (Day 246) Time: 08 40 CDT
Air Temperature: 15.6 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 19.5 (C)
Epilimnion Temperature: 19.5 (C)
Planar-Thermocline : 7.375 (M)
Wind: 0 - 2 KMPH
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature: 16.7 (C)
Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.50	6.00	16.89	8.25	8.31
1.00	19.50	6.25	15.80	8.50	8.01
2.00	19.50	6.50	14.09	8.75	7.81
3.00	19.50	6.75	12.99	9.00	7.51
4.00	19.40	7.00	12.15	10.00	7.01
5.00	19.20	7.25	11.97	11.00	6.70
5.25	19.10	7.50	10.11	12.00	6.50
5.50	19.00	7.75	9.61	13.00	6.39
5.75	18.30	8.00	8.91	13.60	6.09

Lake # 302 N 29 OCT 80 (Day 302) Time: 08 30 CDT
Air Temperature: -2.05 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.85 (M)
Inflow Temperature:
Surface Temperature: 4.73 (C)
Epilimnion Temperature: 4.71 (C)
Planar-Thermocline : 4.5 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 3 (C)
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.73	5.00	7.72	10.00	4.72
1.00	4.71	6.00	4.76	11.00	4.71
2.00	4.71	7.00	4.72	12.00	4.66
3.00	4.72	8.00	4.72	13.00	4.63
4.00	4.71	9.00	4.73	13.25	4.64

Lake # 302 N 12 MAY 81 (Day 132) Time: 08 42 CDT
Air Temperature: 14 (C) Wind: 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.88 (C)
Epilimnion Temperature: 11.77 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 2.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.88	4.75	9.06	8.00	5.59
1.00	11.77	5.00	8.32	9.00	5.37
2.00	11.69	5.25	7.67	10.00	5.29
3.00	11.00	5.50	7.30	11.00	5.27
4.00	10.33	5.75	6.80	12.00	5.27
4.25	9.95	6.00	6.40	13.00	5.26
4.50	9.72	7.00	5.89		

Lake # 302 N 9 JUN 81 (Day 160) Time: 08 40 CDT
Air Temperature: 16 (C) Wind: 0 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 14.7 (C)
Surface Temperature: 17.97 (C)
Epilimnion Temperature: 17.97 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 4.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.97	5.00	12.72	7.00	7.52
1.00	17.97	5.25	11.68	7.50	6.90
2.00	17.97	5.50	10.91	8.00	6.43
3.00	17.88	5.75	10.08	9.00	5.96
3.50	17.32	6.00	9.45	10.00	5.89
4.00	16.16	6.25	8.89	11.00	5.89
4.25	15.21	6.50	8.32	12.00	5.79
4.50	14.05	6.75	7.83	13.00	5.72
4.75	13.27				

Lake # 302 N 26 MAY 81 (Day 146) Time: 08 49 CST
Air Temperature: 16 (C) Wind: 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 10 (C)
Surface Temperature: 13.97 (C)
Epilimnion Temperature: 14 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.97	5.00	10.29	7.50	6.22
1.00	14.00	5.25	9.68	8.00	6.01
2.00	13.98	5.50	9.15	9.00	5.70
3.00	13.98	5.75	8.38	10.00	5.59
4.00	13.91	6.00	7.97	11.00	5.51
4.25	13.61	6.50	7.13	12.00	5.45
4.50	12.72	7.00	6.72	13.00	5.42
4.75	11.67				

Lake # 302 N 23 JUN 81 (Day 174) Time: 09 00 CDT
Air Temperature: 19 (C) Wind: -
Cloud Cover: 7 /10 Weather Description: NO WIND
Secchi Visibility: 3.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 15 (C)
Surface Temperature: 18.06 (C)
Epilimnion Temperature: 18.06 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.06	5.50	13.50	7.50	7.72
1.00	18.06	5.75	12.33	7.75	7.46
2.00	18.06	6.00	11.20	8.00	7.15
3.00	17.76	6.25	10.27	9.00	6.62
4.00	17.28	6.50	9.45	10.00	6.31
4.50	16.78	6.75	9.07	11.00	6.19
5.00	15.99	7.00	8.47	12.00	6.12
5.25	14.41	7.25	7.93	13.00	6.09

Lake # 302 N 7 JUL 81 (Day 188) Time: 08 30 CDT
Air Temperature: 24.2 (C) Wind: 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 23.5 (C)
Surface Temperature: 24.48 (C)
Epilimnion Temperature: 24.48 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 6.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.48	4.25	19.15	7.25	8.78
1.00	24.48	4.50	18.27	7.50	8.38
1.50	24.38	4.75	17.58	7.75	8.02
2.00	24.18	5.00	16.82	8.00	7.61
2.25	22.57	5.25	15.28	9.00	7.05
2.50	22.87	5.50	14.73	10.00	6.75
2.75	22.12	5.75	14.10	11.00	6.57
3.00	21.53	6.00	13.22	12.00	6.55
3.25	21.10	6.25	12.59	13.00	6.47
3.50	20.75	6.50	11.07	13.25	6.41
3.75	20.27	6.75	10.37	13.50	6.39
4.00	19.72	7.00	9.38		

Lake # 302 N 21 JUL 81 (Day 202) Time: 08 40 CDT
Air Temperature: 18 (C) Wind: 0 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 19.5 (C)
Surface Temperature: 22.5 (C)
Epilimnion Temperature: 22.55 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.50	5.25	15.70	7.50	9.08
1.00	22.55	5.50	15.02	8.00	8.20
2.00	22.55	5.75	14.51	9.00	7.26
3.00	22.50	6.00	13.49	10.00	6.80
4.00	21.89	6.25	12.30	11.00	6.42
4.25	20.19	6.50	11.13	12.00	6.37
4.50	19.52	6.75	10.29	13.00	6.32
4.75	17.95	7.00	9.89	13.50	6.30
5.00	16.86				

Lake # 302 N 4 AUG 81 (Day 216) Time: 08 30 CDT
Air Temperature: 24.1 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature: 20.6 (C)
Surface Temperature: 22.56 (C)
Epilimnion Temperature: 22.54 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.56	5.25	17.31	7.50	9.56
1.00	22.54	5.50	15.90	7.75	9.97
2.00	22.50	5.75	15.24	8.00	8.74
3.00	22.33	6.00	13.82	9.00	7.82
4.00	21.92	6.25	12.65	10.00	7.08
4.25	21.33	6.50	12.11	11.00	6.82
4.50	20.92	6.75	11.04	12.00	6.71
4.75	20.29	7.00	10.46	13.00	6.60
5.00	18.49	7.25	9.95		

Lake # 302 N 18 AUG 81 (Day 230) Time: 08 38 CDT
Air Temperature: 17 (C) Wind: 5 - 10 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 16 (C)
Surface Temperature: 20.97 (C)
Epilimnion Temperature: 20.97 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 6.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.97	5.50	17.22	7.75	9.36
1.00	20.97	5.75	15.63	8.00	8.98
2.00	20.97	6.00	14.20	8.50	8.26
3.00	20.97	6.25	13.25	9.00	7.63
4.00	20.94	6.50	12.36	10.00	7.11
4.50	20.77	6.75	11.60	11.00	6.86
4.75	20.55	7.00	11.00	12.00	6.75
5.00	19.87	7.25	10.38	13.00	6.71
5.25	18.50	7.50	10.12		

Lake # 302 N 15 SEP 81 (Day 258) Time: 08 40 CDT
Air Temperature: 8 (C) Wind: 5 - 10 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 11.8 (C)
Surface Temperature: 17.63 (C)
Epilimnion Temperature: 17.64 (C) Epilimnion Depth (1 C/M): 6.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.63	6.50	16.00	[illegible]	9.11
1.00	17.64	6.75	13.95	8.75	8.76
2.00	17.64	7.00	13.27	9.00	8.27
3.00	17.65	7.25	12.37	10.00	7.47
4.00	17.65	7.50	11.64	11.00	7.13
5.00	17.62	7.75	11.02	12.00	7.10
6.00	17.21	8.00	10.36	13.00	6.99
6.25	16.82	8.25	9.72		

Lake # 302 N [illegible] (Day 244) Time: 08 50 CDT
Air Temperature: 14.5 (C) Wind: 5 - 10 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 14.5 (C)
Surface Temperature: 19.57 (C)
Epilimnion Temperature: 19.7 (C) Epilimnion Depth (1 C/M): 5.375 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 6.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.57	5.75	16.70	7.75	9.93
1.00	19.70	6.00	15.94	8.00	9.19
2.00	19.73	6.25	14.35	8.50	8.15
3.00	19.70	6.50	13.58	9.00	7.79
4.00	19.70	6.75	12.50	10.00	7.47
5.00	19.67	7.00	11.44	11.00	7.36
5.25	19.47	7.25	11.13	12.00	7.86
5.50	18.24	7.50	10.85	13.00	7.76

Lake # 302 N 29 SEP 81 (Day 272) Time:
Air Temperature: 6 (C) Wind: 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 9 (C)
Surface Temperature: 12.11 (C)
Epilimnion Temperature: 12.03 (C) Epilimnion Depth (1 C/M): 8.375 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 8.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.11	7.00	12.11	9.50	7.80
1.00	12.03	8.00	11.95	9.75	7.64
2.00	12.11	8.25	11.85	10.00	7.40
3.00	12.11	8.50	11.56	11.00	7.02
4.00	12.11	8.75	9.53	12.00	6.89
5.00	12.11	9.00	8.35	13.00	6.82
6.00	12.11	9.25	8.15	14.00	6.80

Lake # 302 N 13 OCT 81 (Day 286) Time: 08 39 CDT
Air Temperature: -1 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 9.65 (C)
Epilimnion Temperature: 9.65 (C)
Planar-Thermocline : 10.875 (M)

Wind: 10 - 15 KMPH
Weather Description: FOG AND RAIN
Water Color: YELLOW
Outflow Temperature: 8 (C)

Epilimnion Depth (1 C/M): 10.625 (M)
Change at Planar-Thermo: 2.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.65	7.00	9.57	10.75	8.84
1.00	9.65	8.00	9.53	11.00	8.26
2.00	9.65	9.00	9.46	11.50	7.38
3.00	9.65	10.00	9.38	12.00	7.16
4.00	9.65	10.25	9.29	13.00	7.01
5.00	9.64	10.50	9.28	14.00	6.94
6.00	9.58				

Lake # 302 N 18 MAY 82 (Day 138) Time: 08 43 CDT
Air Temperature: 14 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 11.47 (C)
Epilimnion Temperature: 11.44 (C)
Planar-Thermocline : 4.125 (M)

Wind: 0 - 5 KMPH
Weather Description: RAIN
Water Color: YELLOW-GREEN
Outflow Temperature: 13 (C)

Epilimnion Depth (1 C/M): 3.875 (M)
Change at Planar-Thermo: 5.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.47	4.00	9.77	8.00	4.79
1.00	11.44	4.25	8.49	9.00	4.67
2.00	11.37	4.50	8.02	10.00	4.59
3.00	10.86	4.75	7.40	11.00	4.57
3.25	10.66	5.00	6.31	12.00	4.56
3.50	10.57	6.00	5.51	13.00	4.56
3.75	10.40	7.00	4.87		

Lake # 302 N 27 OCT 81 (Day 300) Time: 09 06 CDT
Air Temperature: 2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 3.93 (C)
Epilimnion Temperature: 3.99 (C)
Planar-Thermocline : .5 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 4 (C)

Epilimnion Depth (1 C/M): 13.5 (M)
Change at Planar-Thermo: -.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.93	5.00	3.99	10.00	3.99
1.00	3.99	6.00	3.99	11.00	3.99
2.00	3.99	7.00	3.99	12.00	3.99
3.00	3.99	8.00	3.99	13.00	3.99
4.00	3.99	9.00	3.99	13.50	3.99

Lake # 302 N 1 JUN 82 (Day 152) Time: 09 07 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 16.85 (C)
Epilimnion Temperature: 16.92 (C)
Planar-Thermocline : 2.625 (M)

Wind: 15 - 20 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 13 (C)

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 4.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.85	3.75	11.14	6.00	6.10
1.00	16.92	4.00	10.72	7.00	5.41
2.00	16.92	4.25	9.90	8.00	5.02
2.25	16.13	4.50	9.51	9.00	4.75
2.50	15.58	4.75	9.08	10.00	4.65
2.75	14.47	5.00	8.20	11.00	4.55
3.00	13.70	5.25	7.55	12.00	4.52
3.25	12.61	5.50	7.27	13.00	4.51
3.50	11.87	5.75	6.66		

Lake # 302 N 15 JUN 82 (Day 166) Time: 08 50 CDT
Air Temperature: 12 (C) Wind: 15 - 20 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 8 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.42 (C)
Epilimnion Temperature: 16.42 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.42	4.50	12.12	6.75	6.06
1.00	16.42	4.75	10.87	7.00	5.90
2.00	16.42	5.00	9.53	8.00	5.33
3.00	16.28	5.25	8.52	9.00	4.90
3.25	16.12	5.50	7.91	10.00	4.79
3.50	15.26	5.75	7.52	11.00	4.71
3.75	14.72	6.00	7.08	12.00	4.69
4.00	14.24	6.25	6.50	13.00	4.62
4.25	13.26	6.50	6.22		

Lake # 302 N 27 JUL 82 (Day 208) Time: 09 01 CDT
Air Temperature: 23 (C) Wind: 0 - 0 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.13 (C)
Epilimnion Temperature: 23 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.13	4.50	16.46	6.75	7.65
1.00	23.00	4.75	15.30	7.00	7.33
2.00	23.04	5.00	13.75	8.00	6.31
3.00	22.33	5.25	12.46	9.00	5.73
3.25	22.03	5.50	11.03	10.00	5.42
3.50	21.44	5.75	10.02	11.00	5.31
3.75	20.54	6.00	9.38	12.00	5.20
4.00	19.49	6.25	8.62	13.00	5.20
4.25	17.94	6.50	8.16		

Lake # 302 N 13 JUL 82 (Day 194) Time: 08 40 CDT
Air Temperature: 18 (C) Wind: 0 - 5 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.73 (C)
Epilimnion Temperature: 21.73 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 6.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.73	4.00	18.03	6.50	7.87
1.00	21.73	4.25	16.92	6.75	7.36
2.00	21.73	4.50	15.65	7.00	6.92
2.25	21.63	4.75	14.16	8.00	6.02
2.50	21.12	5.00	12.63	9.00	5.56
2.75	20.76	5.25	11.63	10.00	5.28
3.00	20.52	5.50	10.80	11.00	5.10
3.25	19.81	5.75	9.64	12.00	5.05
3.50	19.42	6.00	8.74	13.00	5.01
3.75	18.82	6.25	8.24		

Lake # 302 N 10 AUG 82 (Day 222) Time: 08 35 CDT
Air Temperature: 13.5 (C) Wind: 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.3 (C)
Epilimnion Temperature: 19.42 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 8.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.30	5.75	10.85	8.25	6.21
1.00	19.42	6.00	9.67	8.50	6.00
2.00	19.44	6.25	9.04	8.75	5.92
3.00	19.45	6.50	8.45	9.00	5.82
4.00	19.15	6.75	8.00	10.00	5.56
4.25	18.99	7.00	7.64	11.00	5.41
4.50	18.32	7.25	7.40	12.00	5.36
4.75	16.48	7.50	7.05	13.00	5.29
5.00	14.41	7.75	6.80	13.50	5.26
5.25	12.90	8.00	6.53	14.00	5.26
5.50	11.85				

Lake # 302 N 24 AUG 82 (Day 236) Time: 08 36 CDT
Air Temperature: 15 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 19.84 (C)
Epilimnion Temperature: 20.05 (C)
Planar-Thermocline : 4.875 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 9.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.84	5.00	15.43	7.00	8.15
1.00	20.05	5.25	14.26	8.00	7.30
2.00	20.06	5.50	13.10	9.00	6.47
3.00	20.08	5.75	11.92	10.00	5.94
4.00	19.66	6.00	10.98	11.00	5.76
4.25	19.23	6.25	9.82	12.00	5.62
4.50	18.39	6.50	9.12	13.00	5.58
4.75	17.71	6.75	8.72		

Lake # 302 N 21 SEP 82 (Day 264) Time: 08 50 CDT
Air Temperature: 9 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.3 (M)
Inflow Temperature:
Surface Temperature: 13.22 (C)
Epilimnion Temperature: 13.32 (C)
Planar-Thermocline : 7.125 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.22	6.50	12.63	8.50	6.82
1.00	13.32	6.75	11.42	9.00	6.50
2.00	13.32	7.00	10.62	10.00	6.10
3.00	13.32	7.25	9.12	11.00	5.90
4.00	13.32	7.50	8.23	12.00	5.80
5.00	13.32	7.75	7.61	13.00	5.71
6.00	13.14	8.00	7.21	13.25	5.69
6.25	12.73				

Lake # 302 N 7 SEP 82 (Day 250) Time: 08 30 CDT
Air Temperature: 8 (C)
Cloud Cover: 4 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 15.66 (C)
Epilimnion Temperature: 15.66 (C)
Planar-Thermocline : 6.125 (M)
Wind: 5 - 10 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 8.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.66	5.75	14.02	7.75	7.21
1.00	15.66	6.00	12.83	8.00	7.00
2.00	15.66	6.25	10.82	9.00	6.22
3.00	15.66	6.50	10.29	10.00	6.01
4.00	15.66	6.75	9.02	11.00	5.82
5.00	15.43	7.00	8.52	12.00	5.70
5.25	15.08	7.25	7.72	13.00	5.59
5.50	14.88	7.50	7.60		

Lake # 302 N 5 OCT 82 (Day 278) Time: 08 50 CDT
Air Temperature: 3 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 10.42 (C)
Epilimnion Temperature: 10.47 (C)
Planar-Thermocline : 8.625 (M)
Wind: 10 - 15 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.125 (M)
Change at Planar-Thermo: 5.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.42	6.00	10.47	9.00	6.61
1.00	10.47	7.00	10.36	10.00	6.00
2.00	10.47	8.00	10.02	11.00	5.81
3.00	10.47	8.25	9.70	12.00	5.71
4.00	10.47	8.50	8.74	13.00	5.66
5.00	10.47	8.75	7.43	13.25	5.62

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Lake # 302 N 19 OCT 82 (Day 292) Time: 08 40 CDT
Air Temperature: 3.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 7.49 (C)
Epilimnion Temperature: 7.5 (C)
Planar-Thermocline : 11.625 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 11.125 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.49	6.00	7.52	11.25	7.21
1.00	7.50	7.00	7.52	11.50	6.91
2.00	7.52	8.00	7.52	11.75	6.11
3.00	7.52	9.00	7.52	12.00	5.76
4.00	7.52	10.00	7.50	13.00	5.71
5.00	7.52	11.00	7.49		

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Lake # 302 N 9 MAY 83 (Day 129) Time: 08 15 CDT
Air Temperature: 8 (C)
Cloud Cover: 7 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 7.1 (C)
Epilimnion Temperature: 7 (C)
Planar-Thermocline : 6.5 (M)

Wind: SE 15 - 20 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 13 (M)
Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.10	5.00	6.00	10.00	4.70
1.00	7.00	6.00	5.70	11.00	4.50
2.00	6.90	7.00	5.10	12.00	4.50
3.00	6.60	8.00	4.90	13.00	4.70
4.00	6.40	9.00	4.80		

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Lake # 302 N 25 OCT 82 (Day 298) Time: 10 07 CDT
Air Temperature: 10.5 (C)
Cloud Cover: 2 /10
Secchi Visibility: 2.7 (M)
Inflow Temperature:
Surface Temperature: 6.51 (C)
Epilimnion Temperature: 6.51 (C)
Planar-Thermocline : [illegible] (M)

Wind: 0 - 0 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 14 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.51	5.00	6.51	10.00	6.51
1.00	6.51	6.00	6.51	11.00	6.51
2.00	6.51	7.00	6.51	12.00	6.51
3.00	6.51	8.00	6.51	13.00	6.51
4.00	6.51	9.00	6.51	14.00	6.51

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Lake # 302 N 17 MAY 83 (Day 137) Time: 09 20 CDT
Air Temperature: 11 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 8.55 (C)
Epilimnion Temperature: 8.55 (C)
Planar-Thermocline : 3.125 (M)

Wind: SW 10 - 25 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 1.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.55	5.00	7.65	8.50	5.80
1.00	8.55	6.00	7.50	8.75	5.65
2.00	8.50	7.00	7.20	9.00	5.55
3.00	8.45	7.25	6.90	10.00	5.20
3.25	8.00	7.50	6.70	11.00	5.15
3.50	7.80	7.75	6.45	12.00	5.05
3.75	7.80	8.00	6.25	13.00	5.00
4.00	7.70	8.25	5.95		

Lake # 302 N 0 JUN 83 (Day 151) Time: 10 25 CDT
Air Temperature: 14 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 13.3 (C)
Epilimnion Temperature: 13.2 (C)
Planar-Thermocline : 4.125 (M)
Wind: N 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.30	4.75	9.50	8.00	6.00
1.00	13.20	5.00	9.10	9.00	5.50
2.00	13.10	5.25	8.60	10.00	5.40
3.00	13.00	5.50	8.40	11.00	5.30
4.00	12.40	5.75	8.10	12.00	5.30
4.25	11.30	6.00	7.80	13.00	5.30
4.50	10.20	7.00	6.80	13.25	5.20

Lake # 302 N 28 JUN 83 (Day 179) Time: 11 21 CDT
Air Temperature: 23 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 21.4 (C)
Epilimnion Temperature: 21.1 (C)
Planar-Thermocline : 3.625 (M)
Wind: N 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.40	4.50	13.60	6.75	7.90
1.00	21.10	4.75	12.90	7.00	7.60
2.00	20.90	5.00	11.90	8.00	6.80
3.00	19.70	5.25	10.90	9.00	6.20
3.25	18.90	5.50	10.40	10.00	6.00
3.50	18.00	5.75	9.70	11.00	5.90
3.75	16.70	6.00	9.10	12.00	5.80
4.00	15.70	6.25	8.60	13.00	5.70
4.25	14.50	6.50	8.30		

Lake # 302 N 14 JUN 83 (Day 165) Time: 08 30 CDT
Air Temperature: 17 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 19 (C)
Epilimnion Temperature: 19 (C)
Planar-Thermocline : 4.625 (M)
Wind: NW 0 - 3 KMPH
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.00	4.00	14.00	6.50	7.70
1.00	19.00	4.25	13.50	6.75	7.30
2.00	18.90	4.50	12.70	7.00	7.00
2.25	18.70	4.75	11.30	8.00	6.50
2.50	18.40	5.00	10.70	9.00	6.10
2.75	17.90	5.25	10.10	10.00	5.80
3.00	17.00	5.50	9.40	11.00	5.70
3.25	16.30	5.75	8.90	12.00	5.60
3.50	15.80	6.00	8.60	13.00	5.60
3.75	14.90	6.25	8.20		

Lake # 302 N 12 JUL 83 (Day 193) Time: 08 20 CDT
Air Temperature: 20 (C)
Cloud Cover: 4 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 20.6 (C)
Epilimnion Temperature: 20.6 (C)
Planar-Thermocline : 3.875 (M)
Wind: S 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.60	4.50	15.20	6.75	8.40
1.00	20.60	4.75	14.10	7.00	8.00
2.00	20.60	5.00	13.00	8.00	7.00
3.00	20.20	5.25	11.60	9.00	6.40
3.25	19.90	5.50	11.00	10.00	6.10
3.50	19.80	5.75	10.10	11.00	6.00
3.75	19.10	6.00	9.60	12.00	5.90
4.00	17.60	6.25	9.00	13.00	5.80
4.25	16.50	6.50	8.80	13.25	5.70

Lake # 302 N 26 JUL 83 (Day 207) Time: 14 00 CDT
Air Temperature: 26 (C)
Cloud Cover: 7 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 24.6 (C)
Epilimnion Temperature: 24.5 (C)
Planar-Thermocline : 3.875 (M)
Wind: S 15 - 20 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.60	4.75	15.70	7.25	8.10
1.00	24.50	5.00	14.40	7.50	7.90
2.00	24.50	5.25	13.40	7.75	7.70
3.00	23.50	5.50	12.20	8.00	7.40
3.25	23.10	5.75	11.50	9.00	6.50
3.50	22.80	6.00	10.70	10.00	6.30
3.75	21.50	6.25	10.10	11.00	6.10
4.00	19.30	6.50	9.40	12.00	6.00
4.25	17.90	6.75	9.00	13.00	6.00
4.50	16.80	7.00	8.60	13.50	5.90

Lake # 302 N 9 AUG 83 (Day 221) Time: 08 21 CDT
Air Temperature: 18 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 23.9 (C)
Epilimnion Temperature: 23.9 (C)
Planar-Thermocline : 4.375 (M)
Wind: 0 - 0 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.90	4.75	16.70	7.25	8.40
1.00	23.90	5.00	15.20	7.50	8.20
2.00	23.90	5.25	14.20	7.75	8.00
3.00	23.90	5.50	13.60	8.00	7.70
3.25	23.80	5.75	12.30	9.00	6.80
3.50	23.80	6.00	11.50	10.00	6.30
3.75	23.20	6.25	10.70	11.00	6.10
4.00	22.40	6.50	10.20	12.00	6.00
4.25	22.00	6.75	9.40	13.00	6.00
4.50	18.70	7.00	9.00	13.25	5.90

Lake # 302 N 2 AUG 83 (Day 214) Time: 08 32 CDT
Air Temperature: 22 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 22.9 (C)
Epilimnion Temperature: 22.9 (C)
Planar-Thermocline : 3.875 (M)
Wind: W 15 - 20 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.90	4.75	15.60	7.25	7.30
1.00	22.90	5.00	14.10	7.50	7.05
2.00	22.90	5.25	12.80	7.75	6.90
3.00	22.70	5.50	11.50	8.00	6.70
3.25	22.45	5.75	10.60	9.00	6.00
3.50	22.20	6.00	9.90	10.00	5.60
3.75	21.45	6.25	9.20	11.00	5.40
4.00	19.50	6.50	8.60	12.00	5.30
4.25	18.20	6.75	8.20	13.00	5.30
4.50	16.90	7.00	7.70		

Lake # 302 N 24 AUG 83 (Day 236) Time: 14 00 CDT
Air Temperature: 26 (C)
Cloud Cover: 9 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 22.1 (C)
Epilimnion Temperature: 22 (C)
Planar-Thermocline : 4.875 (M)
Wind: SW 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.10	5.25	15.90	7.50	8.40
1.00	22.00	5.50	14.30	7.75	8.10
2.00	21.70	5.75	13.30	8.00	7.90
3.00	21.40	6.00	12.20	9.00	7.10
4.00	21.10	6.25	11.00	10.00	6.60
4.25	20.50	6.50	10.50	11.00	6.30
4.50	20.00	6.75	10.00	12.00	6.10
4.75	19.00	7.00	9.40	13.00	6.10
5.00	17.20	7.25	8.90	13.50	6.00

Lake # 302 N 6 SEP 83 (Day 249) Time: 09 40 CDT
Air Temperature: 15 (C) Wind: SW 10 - 15 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 20.4 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	5.50	15.50	7.50	8.20
1.00	20.40	5.75	14.30	7.75	7.70
2.00	20.40	6.00	12.90	8.00	7.40
3.00	20.40	6.25	11.80	9.00	6.60
4.00	20.40	6.50	11.10	10.00	6.20
4.50	20.30	6.75	10.40	11.00	6.00
4.75	20.20	7.00	9.60	12.00	5.90
5.00	18.60	7.25	8.60	13.00	5.80
5.25	16.60				

Lake # 302 N 4 OCT 83 (Day 277) Time: 08 38 CDT
Air Temperature: 8 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.1 (C)
Epilimnion Temperature: 11.1 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.10	7.00	10.90	9.50	7.40
1.00	11.10	8.00	10.10	9.75	7.00
2.00	11.10	8.25	9.70	10.00	6.90
3.00	11.10	8.50	9.50	11.00	6.70
4.00	11.10	8.75	8.80	12.00	6.40
5.00	11.10	9.00	8.20	13.00	6.30
6.00	11.10	9.25	7.80		

Lake # 302 N 20 SEP 83 (Day 263) Time: 11 49 CDT
Air Temperature: 12 (C) Wind: SW 20 - 25 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.8 (C)
Epilimnion Temperature: 12.8 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.80	7.00	12.10	8.75	7.40
1.00	12.80	7.25	11.80	9.00	7.20
2.00	12.80	7.50	10.90	10.00	6.50
3.00	12.80	7.75	9.80	11.00	6.30
4.00	12.80	8.00	8.50	12.00	6.20
5.00	12.80	8.25	8.10	13.00	6.10
6.00	12.80	8.50	7.70		

Lake # 302 N 18 OCT 83 (Day 291) Time: 08 49 CDT
Air Temperature: 2 (C) Wind: 0 - 0 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.3 (C)
Epilimnion Temperature: 7.3 (C) Epilimnion Depth (1 C/M): 13 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.30	5.00	7.30	10.00	7.30
1.00	7.30	6.00	7.30	11.00	7.30
2.00	7.30	7.00	7.30	12.00	7.30
3.00	7.30	8.00	7.30	13.00	7.30
4.00	7.30	9.00	7.30		

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Lake # 302 S 2 JUN 72 (Day 153) Time: 09 20 CDT
Air Temperature: 23.8 (C) Wind: 2 - 3 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.46 (C)
Epilimnion Temperature: 18.41 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.25 (M) Change at Planar-Thermo: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.46	4.00	9.99	8.00	6.66
1.00	18.41	5.00	8.16	9.00	6.49
2.00	18.35	6.00	7.51	10.00	6.40
3.00	16.31	7.00	6.96	10.40	6.41
3.50	12.21				

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Lake # 302 S 30 JUN 72 (Day 181) Time: 08 45 CDT
Air Temperature: 21.1 (C) Wind: 0 - 2 KMPH
Cloud Cover: 2 /10 Weather Description: WIND VARIES
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.71 (C)
Epilimnion Temperature: 21.66 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.71	4.00	16.86	7.00	8.21
1.00	21.66	4.25	15.56	8.00	7.41
2.00	20.56	4.50	14.36	9.00	6.99
3.00	19.31	4.75	13.26	10.00	6.81
3.25	18.46	5.00	12.23	10.20	6.73
3.50	18.06	6.00	9.56		

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Lake # 302 S 16 JUN 72 (Day 167) Time: 09 15 CDT
Air Temperature: 7 (C) Wind: 16 - 32 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.13 (C)
Epilimnion Temperature: 17.23 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 7.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.13	4.00	13.46	7.00	7.79
1.00	17.23	4.25	11.86	8.00	7.01
2.00	17.23	4.50	10.81	9.00	6.63
3.00	17.23	4.75	10.22	10.00	6.44
3.50	17.04	5.00	9.73	10.80	6.32
3.75	15.32	6.00	8.72		

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Lake # 302 S 14 JUL 72 (Day 195) Time: 09 30 CDT
Air Temperature: 21.1 (C) Wind: 3 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.51 (C)
Epilimnion Temperature: 21.39 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.51	4.25	17.56	6.00	10.96
0.50	21.43	4.50	16.66	7.00	8.93
1.00	21.39	4.75	16.41	8.00	8.09
1.50	21.36	5.00	14.11	9.00	7.41
2.00	21.33	5.25	13.06	10.00	7.11
3.00	21.11	5.50	12.13	10.50	6.99
4.00	19.63	5.75	11.39		

Lake # 302 S 28 JUL 72 (Day 209) Time: 09 00 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 20.66 (C)
Epilimnion Temperature: 20.64 (C)
Planar-Thermocline : 4.625 (M)
Wind: -
Weather Description: CALM
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.25 (M)
Change at Planar-Thermo: 9.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.66	4.75	16.96	7.00	10.08
1.00	20.64	5.00	16.04	8.00	8.74
2.00	20.62	5.25	15.16	9.00	7.85
3.00	20.53	5.50	14.00	10.00	7.64
4.00	20.47	5.75	12.75	10.50	7.24
4.50	19.34	6.00	12.11		

Lake # 302 S 25 AUG 72 (Day 237) Time: 10 30 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 5 /10
Secchi Visibility: 4.1 (M)
Inflow Temperature:
Surface Temperature: 20.8 (C)
Epilimnion Temperature: 20.8 (C)
Planar-Thermocline : 5.75 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 4.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.80	5.00	17.75	8.00	9.08
1.00	20.80	5.50	16.30	9.00	8.18
2.00	20.38	6.00	13.95	10.00	7.88
3.00	20.18	6.50	12.58	10.80	7.72
4.00	19.42	7.00	11.12		

Lake # 302 S 11 AUG 72 (Day 223) Time: 09 05 CDT
Air Temperature: 15.56 (C)
Cloud Cover: 9 /10
Secchi Visibility: 3.7 (M)
Inflow Temperature:
Surface Temperature: 18.58 (C)
Epilimnion Temperature: 18.58 (C)
Planar-Thermocline : 5.625 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.58	5.25	16.85	7.00	10.26
1.00	18.58	5.50	15.31	8.00	8.86
2.00	18.58	5.75	13.53	9.00	7.89
3.00	18.58	6.00	12.73	10.00	7.56
4.00	18.54	6.50	10.72	10.50	7.56
5.00	17.84				

Lake # 302 S 8 SEP 72 (Day 251) Time: 09 05 CDT
Air Temperature: 7.2 (C)
Cloud Cover: 8 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 17.02 (C)
Epilimnion Temperature: 17.12 (C)
Planar-Thermocline : 6.25 (M)
Wind: -
Weather Description: CALM
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 5.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.02	5.00	17.13	8.00	9.66
1.00	17.12	6.00	16.08	9.00	8.73
2.00	17.13	6.50	13.54	10.00	8.18
3.00	17.13	7.00	12.28	10.50	7.83
4.00	17.13				

Lake # 302 S 15 SEP 72 (Day 258) Time: 13 40 CDT
Air Temperature: 18.3 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 17.13 (C)
Epilimnion Temperature: 16.93 (C)
Planar-Thermocline : 6.25 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.13	5.00	15.53	7.50	10.93
1.00	16.93	6.00	16.13	8.00	9.31
2.00	16.73	6.50	13.53	9.00	8.71
3.00	16.63	7.00	11.93	10.00	8.21
4.00	16.63				

Lake # 302 S 29 SEP 72 (Day 272) Time: 10 15 CDT
Air Temperature: 4.4 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 11.24 (C)
Epilimnion Temperature: 11.24 (C)
Planar-Thermocline : 8.75 (M)
Wind: 16 - 32 KMPH
Weather Description: SNOW & RAIN
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.75 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.24	5.00	11.24	8.50	10.97
1.00	11.24	6.00	11.24	9.00	9.37
2.00	11.24	7.00	11.24	10.00	8.22
3.00	11.24	8.00	11.24	10.50	8.17
4.00	11.24				

Lake # 302 S 22 SEP 72 (Day 265) Time: 08 45 CDT
Air Temperature: 1.6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 14.59 (C)
Epilimnion Temperature: 14.59 (C)
Planar-Thermocline : 7.25 (M)
Wind: 32 - 64 KMPH
Weather Description: SNOW FALL
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 4.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.59	5.00	14.63	8.00	9.86
1.00	14.59	6.00	14.59	9.00	8.81
2.00	14.63	7.00	13.46	10.00	8.51
3.00	14.63	7.50	11.18	10.40	8.41
4.00	14.63				

Lake # 302 S 6 OCT 72 (Day 279) Time:
Air Temperature: 11 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 10.76 (C)
Epilimnion Temperature: 10.76 (C)
Planar-Thermocline : 9.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.5 (M)
Change at Planar-Thermo: 1.340 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.76	4.00	10.55	8.00	10.28
1.00	10.76	5.00	10.52	9.00	9.53
2.00	10.76	6.00	10.48	10.00	8.19
3.00	10.63	7.00	10.38	10.50	8.02

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Lake # 302 S 13 OCT 72 (Day 286) Time: 09 30 CDT
Air Temperature: 1.6 (C)
Cloud Cover: 4 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 8.8 (C)
Epilimnion Temperature: 8.82 (C)
Planar-Thermocline : 1.5 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 10.3 (M)
Change at Planar-Thermo: -.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.80	4.00	8.85	8.00	8.85
1.00	8.82	5.00	8.85	9.00	8.83
2.00	8.85	6.00	8.85	10.00	8.80
3.00	8.85	7.00	8.85	10.30	8.80

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Lake # 302 S 16 NOV 72 (Day 320) Time: 12 00 CST
Air Temperature: -12.2 (C)
Cloud Cover: 3 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.79 (C)
Epilimnion Temperature: 2.2 (C)
Planar-Thermocline : 8.5 (M)

Wind: 3 - 8 KMPH
Weather Description: UNDER ICE
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.9 (M)
Change at Planar-Thermo: -.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.79	3.00	2.24	7.00	2.90
0.50	2.02	4.00	2.37	8.00	3.03
1.00	2.20	5.00	2.52	9.00	3.75
2.00	2.22	6.00	2.62	9.90	3.80

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Lake # 302 S 20 OCT 72 (Day 293) Time: 09 15 CDT
Air Temperature: -1.1 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 5.73 (C)
Epilimnion Temperature: 5.76 (C)
Planar-Thermocline : 9.5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 10.5 (M)
Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.73	4.00	5.80	8.00	5.72
1.00	5.76	5.00	5.80	9.00	5.71
2.00	5.76	6.00	5.80	10.00	5.61
3.00	5.79	7.00	5.80	10.50	5.61

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Lake # 302 S 14 DEC 72 (Day 348) Time: 11 30 CST
Air Temperature: -19.4 (C)
Cloud Cover: 3 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .437 (C)
Epilimnion Temperature: 2.22 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: CLEAR ICE
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.44	4.00	2.96	8.00	3.99
1.00	2.22	5.00	3.17	9.00	4.14
2.00	2.54	6.00	3.44	10.00	4.42
3.00	2.74	7.00	3.72	10.60	4.54

Lake # 302 S 24 JAN 73 (Day 24) Time: 10 00 CST
Air Temperature: -3.8 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surfrce Temperature: .48 (C)
Epilimnion Temperature: 1.28 (C)
Planar-Thermocline : 1.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.48	4.00	3.46	8.00	4.50
1.00	1.28	5.00	3.69	9.00	4.70
2.00	2.72	6.00	3.98	10.00	5.06
3.00	3.17	7.00	4.37	10.40	5.00

Lake # 302 S 21 MAR 73 (Day 80) Time: 10 45 CST
Air Temperature: 4.4 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .37 (C)
Epilimnion Temperature: .9 (C)
Planar-Thermocline : 1.5 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.29	4.00	4.00	8.00	4.75
1.00	0.90	5.00	4.30	9.00	4.92
2.00	2.50	6.00	4.50	10.00	5.25
3.00	3.30	7.00	4.62	10.30	5.30

Lake # 302 S 21 FEB 73 (Day 52) Time: 10 20 CST
Air Temperature: -17.7 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .37 (C)
Epilimnion Temperature: .87 (C)
Planar-Thermocline : 1.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.37	4.00	3.51	8.00	4.58
1.00	0.87	5.00	3.80	9.00	4.73
2.00	2.12	6.00	4.20	10.00	5.01
3.00	3.04	7.00	4.43	10.50	5.03

Lake # 302 S 17 APR 73 (Day 107) Time: 11 00 CST
Air Temperature: 1.6 (C)
Cloud Cover: 6 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .37 (C)
Epilimnion Temperature: 4.1 (C)
Planar-Thermocline : .3 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .3 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	1.20	4.00	4.20	8.00	4.80
0.50	3.50	5.00	4.30	9.00	5.00
1.00	4.10	6.00	4.40	10.00	5.20
2.00	4.20	7.00	4.50	10.50	5.40
3.00	4.20				

Lake # 302 S 7 MAY 73 (Day 127) Time: 08 55 CDT
Air Temperature: 7.2 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 7.3 (C)
Epilimnion Temperature: 7.28 (C)
Planar-Thermocline : 4.25 (M)
Wind: -
Weather Description: CALM
Water Color: BROWN -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 10.8 (M)
Change at Planar-Thermo: 0.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.30	4.50	6.55	8.00	6.10
1.00	7.28	5.00	6.39	9.00	6.00
2.00	7.21	6.00	6.38	10.00	5.95
3.00	7.09	7.00	6.19	10.80	5.92
4.00	6.80				

Lake # 302 S 4 JUN 73 (Day 155) Time: 11 15 CDT
Air Temperature: 12.7 (C)
Cloud Cover: 4 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 17.05 (C)
Epilimnion Temperature: 17 (C)
Planar-Thermocline : 3.25 (M)
Wind: 32 - 48 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: 5.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.05	4.25	11.55	7.00	7.65
1.00	17.00	4.50	11.21	8.00	7.11
2.00	17.00	4.75	10.75	9.00	6.75
3.00	16.80	5.00	10.28	10.00	6.61
3.50	14.18	5.50	9.10	10.50	6.60
4.00	12.85	6.00	8.48		

Lake # 302 S 21 MAY 73 (Day 141) Time: 10 15 CDT
Air Temperature: 10 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3.75 (M)
Inflow Temperature:
Surface Temperature: 14.57 (C)
Epilimnion Temperature: 14.35 (C)
Planar-Thermocline : 2.75 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.75 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.57	3.50	10.69	7.00	6.97
1.00	14.35	4.00	10.13	8.00	6.57
1.50	14.16	4.50	9.67	9.00	6.41
2.00	13.57	5.00	9.00	10.00	6.35
2.50	12.71	6.00	8.03	10.75	6.27
3.00	11.11				

Lake # 302 S 18 JUN 73 (Day 169) Time: 09 00 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 17.8 (C)
Epilimnion Temperature: 17.8 (C)
Planar-Thermocline : 4.625 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.80	4.50	14.45	7.00	8.59
1.00	17.80	4.75	13.25	8.00	7.81
2.00	17.80	5.00	12.28	9.00	7.10
3.00	17.65	5.25	11.30	10.00	7.00
4.00	16.55	5.50	10.48	10.50	6.82
4.25	15.50	6.00	9.60		

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Lake # 302 S 2 JUL 73 (Day 183) Time: 09 00 CDT
Air Temperature: 22.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.92 (C)
Epilimnion Temperature: 20.88 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 5.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.92	4.50	16.30	6.50	9.90
0.50	20.90	4.75	14.92	7.00	9.35
1.00	20.88	5.00	14.10	8.00	7.95
2.00	19.75	5.25	13.10	9.00	7.25
3.00	19.30	5.50	12.20	10.00	7.07
4.00	18.12	5.75	11.62	10.70	6.95
4.25	17.00	6.00	10.95		

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Lake # 302 S 16 JUL 73 (Day 197) Time: 08 95 CDT
Air Temperature: 21.1 (C) Wind: 8 - 16 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.98 (C)
Epilimnion Temperature: 20.92 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 8.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.98	4.50	18.62	6.00	12.60
0.50	20.95	4.75	17.70	7.00	10.05
1.00	20.92	5.00	15.69	8.00	8.92
2.00	20.92	5.25	14.30	9.00	7.90
3.00	20.92	5.50	13.80	10.00	7.52
4.00	20.60	5.75	13.05	10.50	7.40
4.25	19.75				

****

Lake # 302 S 30 JUL 73 (Day 211) Time: 13 00 CDT
Air Temperature: 15.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.1 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.95 (C)
Epilimnion Temperature: 19.04 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 5.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.95	5.25	16.82	7.00	10.67
1.00	19.04	5.50	15.57	8.00	8.92
2.00	19.07	5.75	14.82	9.00	7.62
3.00	19.10	6.00	13.82	10.00	7.52
4.00	19.10	6.50	11.80	10.60	7.42
5.00	18.00				

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Lake # 302 S 13 AUG 73 (Day 225) Time: 09 55 CDT
Air Temperature: 19 (C) Wind: 8 - 16 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.8 (C)
Epilimnion Temperature: 20.85 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 5.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.80	5.25	17.70	6.75	12.20
1.00	20.85	5.50	16.78	7.00	11.01
2.00	20.85	5.75	15.71	8.00	9.65
3.00	20.80	6.00	14.40	9.00	8.62
4.00	20.32	6.25	13.68	10.00	7.90
4.50	19.15	6.50	13.05	10.60	8.00
5.00	18.61				

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Lake # 302 S 27 AUG 73 (Day 239) Time: 09 00 CDT
Air Temperature: 21 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 5.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.72 (C)
Epilimnion Temperature: 21.65 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 4.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.72	5.25	17.71	6.75	12.42
1.00	21.65	5.50	16.79	7.00	11.61
2.00	21.61	5.75	15.86	8.00	9.29
3.00	21.58	6.00	15.02	9.00	8.25
4.00	21.51	6.25	14.28	10.00	7.94
4.50	20.66	6.50	13.39	10.50	7.82
5.00	18.78				

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Lake # 302 S 24 SEP 73 (Day 267) Time: 09 35 CDT
Air Temperature: Wind: 16 - 32 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.57 (C)
Epilimnion Temperature: 12.57 (C) Epilimnion Depth (1 C/M): 7.875 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 4.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.57	7.00	12.52	8.75	8.64
1.00	12.57	7.25	12.47	9.00	8.82
2.00	12.57	7.50	12.49	9.25	8.79
3.00	12.57	7.75	12.26	9.50	8.09
4.00	12.57	8.00	11.17	9.75	8.07
5.00	12.57	8.25	10.29	10.00	7.89
6.00	12.57	8.50	9.77	10.25	7.79

****

Lake # 302 S 10 SEP 73 (Day 253) Time: 09 00 CDT
Air Temperature: 17.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 0 /10 Weather Description: WIND VARIES
Secchi Visibility: 4.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.6 (C)
Epilimnion Temperature: 18.65 (C) Epilimnion Depth (1 C/M): 5.25 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.60	5.50	18.05	7.50	11.52
1.00	18.65	6.00	17.65	8.00	10.40
2.00	18.69	6.25	15.55	9.00	8.55
3.00	18.65	6.50	14.85	10.00	8.30
4.00	18.60	6.75	14.30	10.50	8.09
5.00	18.60	7.00	13.60		

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Lake # 302 S 8 OCT 73 (Day 281) Time: 09 15 CDT
Air Temperature: 15.4 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.77 (C)
Epilimnion Temperature: 12.77 (C) Epilimnion Depth (1 C/M): 8.25 (M)
Planar-Thermocline : 9.125 (M) Change at Planar-Thermo: 4.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.77	6.00	12.66	9.25	9.07
1.00	12.77	7.00	12.52	9.50	8.57
2.00	12.77	8.00	12.12	9.75	8.52
3.00	12.77	8.50	11.32	10.00	8.27
4.00	12.75	8.75	10.55	10.50	8.17
5.00	12.68	9.00	10.25		

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Lake # 302 S 22 OCT 73 (Day 295) Time: 10 15 CDT
Air Temperature: 18.3 5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.21 (C)
Epilimnion Temperature: 9.21 (C) Epilimnion Depth (1 C/M): 10.75 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 0.090 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.21	4.00	9.07	8.00	8.93
0.50	9.21	5.00	9.01	9.00	8.91
1.00	9.21	6.00	8.97	10.00	8.91
2.00	9.12	7.00	8.96	10.75	8.87
3.00	9.12				

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Lake # 302 S 29 OCT 73 (Day 302) Time: 10 00 CST
Air Temperature: 10.6 (C) Wind: 16 - 24 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.05 (C)
Epilimnion Temperature: 8.05 (C) Epilimnion Depth (1 C/M): 10.5 (M)
Planar-Thermocline : 10.25 (M) Change at Planar-Thermo: -.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.05	4.00	8.00	8.00	7.98
1.00	8.05	5.00	8.00	9.00	7.95
2.00	8.03	6.00	7.99	10.00	7.91
3.00	8.03	7.00	7.99	10.50	8.00

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Lake # 302 S 5 NOV 73 (Day 309) Time: 10 00 CST
Air Temperature: -10 (C) Wind: 16 - 24 KMPH
Cloud Cover: 8 /10 Weather Description: COLD,WINDY
Secchi Visibility: 3 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.17 (C)
Epilimnion Temperature: 5.17 (C) Epilimnion Depth (1 C/M): 10.25 (M)
Planar-Thermocline : 10.125 (M) Change at Planar-Thermo: 0.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.17	4.00	5.17	8.00	5.07
1.00	5.17	5.00	5.13	9.00	5.05
2.00	5.17	6.00	5.11	10.00	5.05
3.00	5.17	7.00	5.09	10.25	5.03

****

Lake # 302 S 19 DEC 73 (Day 353) Time: 09 30 CST
Air Temperature: -15 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: UNDER ICE
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 1 (C)
Epilimnion Temperature: 1.95 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.00	4.00	4.10	8.00	4.60
1.00	1.95	5.00	4.15	9.00	4.85
2.00	3.62	6.00	4.20	10.00	3.30
3.00	4.00	7.00	4.32	10.20	5.50

****

Lake # 302 S 23 JAN 74 (Day 23) Time: 10 45 CST
Air Temperature: -17.7 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1 (C)
Epilimnion Temperature: 2.5 (C)
Planar-Thermocline : .55 (M)

Wind: -
Weather Description: LT SNOW,HAZY
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .55 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.44	4.00	3.95	8.00	4.30
1.00	2.50	5.00	4.00	9.00	4.85
2.00	3.65	6.00	4.02	10.00	5.45
3.00	3.80	7.00	4.20	10.50	5.60

****

Lake # 302 S 2 APR 74 (Day 92) Time: 10 00 CST
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .35 (C)
Epilimnion Temperature: 1.38 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description: FROZEN SLUSH
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .55 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.10	4.00	4.14	8.00	4.50
1.00	1.38	5.00	4.20	9.00	4.88
2.00	3.05	6.00	4.32	10.00	5.18
3.00	3.80	7.00	4.40	10.25	5.40

****

Lake # 302 S 26 FEB 74 (Day 57) Time: 15 50 CST
Air Temperature: 4.4 (C)
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .35 (C)
Epilimnion Temperature: 2.05 (C)
Planar-Thermocline : 1.5 (M)

Wind: 16 - 32 KMPH
Weather Description: SLUSH PATCHY
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.35	4.00	4.10	8.00	4.41
1.00	2.05	5.00	4.15	9.00	4.98
2.00	3.95	6.00	4.19	10.00	5.42
3.00	4.04	7.00	4.28	10.10	5.50

****

Lake # 302 S 1 MAY 74 (Day 121) Time: 10 30 CST
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .35 (C)
Epilimnion Temperature: 4.32 (C)
Planar-Thermocline : 9.5 (M)

Wind: 3 - 8 KMPH
Weather Description: SNOWING
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 10.3 (M)
Change at Planar-Thermo: -.460 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	4.02	4.00	4.42	8.00	4.50
1.00	4.32	5.00	4.33	9.00	4.91
2.00	4.33	6.00	4.28	10.00	5.37
3.00	4.38	7.00	4.30	10.30	5.38

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Lake # 302 S 8 MAY 74 (Day 128) Time: 10 00 CST
Air Temperature: 4.4 + (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description: CALM & RAIN
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.4 (C)
Epilimnion Temperature: 5.4 (C) Epilimnion Depth (1 C/M): 10.5 (M)
Planar-Thermocline : 9.5 (M) Change at Planar-Thermo: -.630 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.40	4.00	4.99	8.00	4.72
1.00	5.40	5.00	4.80	9.00	4.78
2.00	5.35	6.00	4.79	10.00	5.41
3.00	5.27	7.00	4.77	10.50	5.45

****

Lake # 302 S 5 JUN 74 (Day 156) Time: 08 45 CST
Air Temperature: 18.3 (C) Wind: 8 - 16 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.44 (C)
Epilimnion Temperature: 18.42 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 6.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.44	3.00	13.78	6.00	7.08
1.00	18.42	3.25	12.70	7.00	5.73
2.00	17.46	3.50	11.48	8.00	5.48
2.25	17.22	4.00	9.54	9.00	5.42
2.50	16.67	4.50	8.53	10.00	5.37
2.75	15.03	5.00	7.84	10.50	5.38

****

Lake # 302 S 3 JUL 74 (Day 184) Time: 10 15 CDT
Air Temperature: 15.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.61 (C)
Epilimnion Temperature: 21.68 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.61	3.75	16.54	6.00	8.80
1.00	21.68	4.00	15.05	7.00	7.72
2.00	21.68	4.25	13.66	8.00	7.00
3.00	20.90	4.50	12.69	9.00	6.72
3.25	19.75	4.75	11.65	10.00	6.65
3.50	17.85	5.00	10.68		

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Lake # 302 S 0 AUG 74 (Day 212) Time: 10 30 CDT
Air Temperature: 15.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.96 (C)
Epilimnion Temperature: 19.99 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.96	4.50	18.02	6.00	10.75
1.00	19.99	4.75	15.15	7.00	9.09
2.00	19.99	5.00	13.95	8.00	7.51
3.00	19.91	5.25	13.02	9.00	7.15
4.00	19.85	5.50	12.20	10.00	6.98
4.25	19.31	5.75	11.35		

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Lake # 302 S 26 AUG 74 (Day 238) Time: 10 30 CDT
Air Temperature: 12.7 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.55 (C)
Epilimnion Temperature: 17.55 (C) Epilimnion Depth (1 C/M): 5.625 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.55	5.25	17.02	6.75	10.83
1.00	17.55	5.50	16.95	7.00	10.25
2.00	17.47	5.75	16.55	8.00	8.25
3.00	17.41	6.00	13.86	9.00	7.55
4.00	17.39	6.25	13.05	10.00	7.29
5.00	17.26	6.50	11.69		

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Lake # 302 S 25 SEP 74 (Day 268) Time: 10 00 CDT
Air Temperature: 6 (C) Wind: 3 - 8 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.48 (C)
Epilimnion Temperature: 11.5 (C) Epilimnion Depth (1 C/M): 8.25 (M)
Planar-Thermocline : 8.25 (M) Change at Planar-Thermo: 4.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.48	5.00	11.60	8.50	9.10
1.00	11.50	6.00	11.60	9.00	8.15
2.00	11.55	7.00	11.50	10.00	7.51
3.00	11.60	7.50	11.29	10.25	7.51
4.00	11.60	8.00	11.15		

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Lake # 302 S 23 OCT 74 (Day 296) Time: 09 40 CDT
Air Temperature: 1.6 (C) Wind: 3 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 2.75 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.88 (C)
Epilimnion Temperature: 5.92 (C) Epilimnion Depth (1 C/M): 10.5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.88	4.00	5.92	8.00	5.92
1.00	5.92	5.00	5.92	9.00	5.92
2.00	5.92	6.00	5.92	10.00	5.92
3.00	5.92	7.00	5.92	10.50	5.92

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Lake # 302 S 4 NOV 74 (Day 308) Time: 10 00 CST
Air Temperature: -2.2 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.9 (C)
Epilimnion Temperature: 4.92 (C) Epilimnion Depth (1 C/M): 9.75 (M)
Planar-Thermocline : 9.375 (M) Change at Planar-Thermo: -.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.90	3.00	4.92	8.00	4.92
1.00	4.92	5.00	4.92	9.00	5.00
2.00	4.92	7.00	4.92	9.75	5.18

Lake # 302 S 19 NOV 74 (Day 323) Time: 10 30 CST
Air Temperature: -1.1 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.2 (C)
Epilimnion Temperature: 2.3 (C)
Planar-Thermocline : .5 (M)

Wind: 8 - 16 KMPH
Weather Description: SNOW & ICE
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.20	4.00	2.88	8.00	3.79
1.00	2.30	5.00	3.10	9.00	3.88
2.00	2.36	6.00	3.34	10.00	4.00
3.00	2.52	7.00	3.67	10.30	4.00

Lake # 302 S 14 MAY 75 (Day 134) Time: 10 30 CDT
Air Temperature: 7 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 12.06 (C)
Epilimnion Temperature: 12.11 (C)
Planar-Thermocline : 3.25 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature: 12.85 (C)

Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: 7.540 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.06	3.50	8.02	7.00	5.69
1.00	12.11	4.00	6.99	8.00	5.59
2.00	12.06	5.00	6.50	9.00	5.51
3.00	11.79	6.00	5.96	10.00	5.51

Lake # 302 S 28 MAY 75 (Day 148) Time: 09 30 CDT
Air Temperature: 19.45 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 18.6 (C)
Epilimnion Temperature: 18.12 (C)
Planar-Thermocline : 3.375 (M)

Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.75 (M)
Change at Planar-Thermo: 9.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.60	3.50	13.08	7.00	6.41
1.00	18.12	3.75	10.97	8.00	6.06
2.00	17.96	4.00	10.15	9.00	5.91
2.50	17.84	4.50	8.91	10.00	5.85
3.00	16.67	5.00	7.94	11.00	5.86
3.25	15.47	6.00	6.96		

Lake # 302 S 11 JUN 75 (Day 162) Time: 09 30 CDT
Air Temperature: 18 (C)
Cloud Cover: 5 /10
Secchi Visibility: 3.9 (M)
Inflow Temperature:
Surface Temperature: 16.64 (C)
Epilimnion Temperature: 16.8 (C)
Planar-Thermocline : 4.125 (M)

Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 7.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.64	4.00	14.37	6.00	8.45
1.00	16.80	4.25	12.60	7.00	7.48
2.00	16.74	4.50	11.58	8.00	6.67
3.00	16.53	4.75	10.61	9.00	6.18
3.25	16.26	5.00	10.12	10.00	6.13
3.50	15.56	5.50	9.26	10.50	6.16
3.75	15.07				

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Lake # 302 S 25 JUN 75 (Day 176) Time: 10 00 CDT
Air Temperature: 22 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22 (C)
Epilimnion Temperature: 22.02 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 6.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	3.75	18.52	6.00	10.12
1.00	22.02	4.00	17.09	7.00	9.21
2.00	21.58	4.25	15.61	8.00	7.99
2.50	20.37	4.50	13.90	9.00	6.91
3.00	20.32	4.75	13.46	10.00	6.63
3.25	19.66	5.00	12.49	10.50	6.56
3.50	19.33	5.50	10.63		

****

Lake # 302 S 23 JUL 75 (Day 204) Time: 09 30 CDT
Air Temperature: 23 (C) Wind: 3 - 8 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 4.9 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.05 (C)
Epilimnion Temperature: 23.11 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 7.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.05	4.50	18.52	6.50	10.72
1.00	23.11	4.75	16.96	7.00	9.91
2.00	23.11	5.00	15.75	8.00	8.61
3.00	23.14	5.25	15.02	9.00	7.31
3.75	22.21	5.50	14.10	10.00	7.04
4.00	21.00	5.75	12.22	10.50	6.94
4.25	19.66	6.00	11.31		

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Lake # 302 S 9 JUL 75 (Day 190) Time: 09 00 CDT
Air Temperature: 13 (C) Wind: 3 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.32 (C)
Epilimnion Temperature: 22.37 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 8.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.32	4.00	18.36	6.00	10.34
1.00	22.37	4.25	17.72	7.00	9.74
2.00	22.42	4.50	16.21	8.00	7.96
3.00	22.53	4.75	14.91	9.00	7.07
3.50	21.37	5.00	13.89	10.00	6.88
3.75	19.33	5.50	11.58	10.50	6.83

****

Lake # 302 S 6 AUG 75 (Day 218) Time: 09 30 CDT
Air Temperature: 20 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.3 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.92 (C)
Epilimnion Temperature: 21.97 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.92	4.75	18.63	6.50	12.01
1.00	21.97	5.00	17.18	7.00	10.07
2.00	21.98	5.25	15.18	8.00	8.12
3.00	21.98	5.50	14.24	9.00	7.26
4.00	21.89	5.75	13.30	10.00	7.04
4.25	21.47	6.00	12.87	10.30	7.04
4.50	20.63				

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Lake # 302 S 20 AUG 75 (Day 232) Time: 09 30 CDT
Air Temperature: 14 (C) Wind: 0 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.26 (C)
Epilimnion Temperature: 19.26 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.26	5.00	19.04	7.00	10.58
1.00	19.26	5.25	18.56	8.00	9.12
2.00	19.26	5.50	16.74	9.00	7.79
3.00	19.26	5.75	15.29	10.00	7.28
4.00	19.20	6.00	15.07	10.50	7.10
4.50	19.17	6.50	11.96		

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Lake # 302 S 3 SEP 75 (Day 246) Time: 08 30 CDT
Air Temperature: 13 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.61 (C)
Epilimnion Temperature: 17.63 (C) Epilimnion Depth (1 C/M): 5.75 (M)
Planar-Thermocline : 6.25 (M) Change at Planar-Thermo: 6.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.61	5.00	17.65	8.00	8.66
1.00	17.63	5.50	17.50	9.00	7.93
2.00	17.63	6.00	16.42	10.00	7.69
3.00	17.65	6.50	13.40	10.10	7.63
4.00	17.65	7.00	11.47		

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Lake # 302 S 17 SEP 75 (Day 260) Time: 09 20 CDT
Air Temperature: 12 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.03 (C)
Epilimnion Temperature: 14.05 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 6.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.03	5.00	13.99	7.75	11.15
1.00	14.05	6.00	13.94	8.00	9.42
2.00	14.05	7.00	13.30	9.00	8.15
3.00	14.05	7.25	12.87	10.00	7.69
4.00	14.05	7.50	12.24	10.10	7.53

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Lake # 302 S 1 OCT 75 (Day 274) Time: 09 30 CDT
Air Temperature: 4 (C) Wind: 8 - 16 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.11 (C)
Epilimnion Temperature: 12.2 (C) Epilimnion Depth (1 C/M): 8.375 (M)
Planar-Thermocline : 8.875 (M) Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.11	5.00	12.22	8.50	11.36
1.00	12.20	6.00	12.22	8.75	10.39
2.00	12.22	7.00	12.22	9.00	8.72
3.00	12.22	8.00	12.22	10.00	7.82
4.00	12.22	8.25	12.09		

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Lake # 302 S 15 OCT 75 (Day 288) Time: 10 00 CDT
Air Temperature: 4.5 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.46 (C)
Epilimnion Temperature: 10.74 (C) Epilimnion Depth (1 C/M): 9.625 (M)
Planar-Thermocline : 9.625 (M) Change at Planar-Thermo: 9.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.46	5.00	10.74	9.25	10.61
1.00	10.74	6.00	10.74	9.50	10.61
2.00	10.74	7.00	10.75	9.75	8.34
3.00	10.74	8.00	10.72	10.00	8.34
4.00	10.74	9.00	10.72	10.20	8.34

****

Lake # 302 S 29 OCT 75 (Day 302) Time: 09 45 CST
Air Temperature: 2.7 (C) Wind: 0 - 8 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 2.75 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.85 (C)
Epilimnion Temperature: 6.91 (C) Epilimnion Depth (1 C/M): 10.1 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.85	4.00	6.91	8.00	6.87
1.00	6.91	5.00	6.91	9.00	6.83
2.00	6.91	6.00	6.91	10.00	6.83
3.00	6.91	7.00	6.91	10.10	6.83

****

Lake # 302 S 12 NOV 75 (Day 316) Time: 10 15 CST
Air Temperature: Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description: FREEZING
Secchi Visibility: 2.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.99 (C)
Epilimnion Temperature: 4.99 (C) Epilimnion Depth (1 C/M): 10.1 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 0.230 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.99	4.00	4.98	8.00	4.79
1.00	4.99	5.00	4.98	9.00	4.79
2.00	5.10	6.00	4.95	10.00	4.79
3.00	5.21	7.00	4.84	10.10	4.79

****

Lake # 302 S 29 APR 76 (Day 119) Time: 14 00 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.23 (C)
Epilimnion Temperature: 7.15 (C) Epilimnion Depth (1 C/M): 9.75 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 0.470 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.23	4.00	6.70	8.00	5.92
1.00	7.15	5.00	6.69	9.00	5.86
2.00	6.95	6.00	6.22	9.75	5.70
3.00	6.77	7.00	6.00		

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Lake # 302 S 7 MAY 76 (Day 127) Time: 10 15 CDT
Air Temperature: 0 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3.7 (M)
Inflow Temperature:
Surface Temperature: 7.04 (C)
Epilimnion Temperature: 7.08 (C)
Planar-Thermocline : 9.4 (M)

Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.8 (M)
Change at Planar-Thermo: 0.788 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.04	4.00	7.04	8.00	6.91
1.00	7.08	5.00	7.01	9.00	6.75
2.00	7.08	6.00	7.00	9.80	6.12
3.00	7.07	7.00	6.97		

****

Lake # 302 S 20 MAY 76 (Day 140) Time: 08 45 CDT
Air Temperature: 16.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 13.14 (C)
Epilimnion Temperature: 13.11 (C)
Planar-Thermocline : 4.375 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.625 (M)
Change at Planar-Thermo: 4.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.14	3.50	11.90	5.50	8.48
1.00	13.11	4.00	11.35	6.00	8.08
2.00	13.06	4.25	10.92	7.00	7.64
2.50	12.64	4.50	9.87	8.00	7.46
2.75	12.35	4.75	9.51	9.00	7.32
3.00	12.27	5.00	9.18	9.70	7.00
3.25	12.05	5.25	8.83		

****

Lake # 302 S 3 JUN 76 (Day 154) Time: 10 00 CDT
Air Temperature: 20.72 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 21.04 (C)
Epilimnion Temperature: 21.05 (C)
Planar-Thermocline : 4.375 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 5.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.04	3.50	16.28	5.50	10.11
1.00	21.05	3.75	15.65	6.00	9.58
2.00	20.76	4.00	14.82	6.50	9.01
2.25	19.71	4.25	13.90	7.00	8.68
2.50	19.40	4.50	12.53	8.00	7.92
2.75	18.72	4.75	11.89	9.00	7.45
3.00	18.39	5.00	11.08	9.80	7.19
3.25	17.35				

****

Lake # 302 S 17 JUN 76 (Day 168) Time: 09 10 CDT
Air Temperature: 12.12 (C)
Cloud Cover: 4 /10
Secchi Visibility: 4.25 (M)
Inflow Temperature:
Surface Temperature: 17.99 (C)
Epilimnion Temperature: 17.94 (C)
Planar-Thermocline : 4.625 (M)

Wind: 0 - 3 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 6.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.99	4.50	15.92	6.00	10.76
1.00	17.94	4.75	14.31	7.00	9.46
2.00	17.86	5.00	13.21	8.00	8.31
3.00	17.84	5.25	12.63	9.00	7.75
4.00	17.73	5.50	11.68	9.70	7.70
4.25	16.96	5.75	11.14		

****

Lake # 302 S 1 JUL 76 (Day 182) Time: 10 00 CDT
Air Temperature: 18.65 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.11 (C)
Epilimnion Temperature: 19.87 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.11	4.50	17.99	6.00	12.42
1.00	19.87	4.75	16.64	7.00	10.59
2.00	19.76	5.00	15.72	8.00	8.89
3.00	19.71	5.25	14.95	9.00	8.12
4.00	19.28	5.50	13.92	10.00	7.85
4.25	18.84	5.75	13.00		

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Lake # 302 S 15 JUL 76 (Day 196) Time: 09 30 CDT
Air Temperature: 23 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.35 (C)
Epilimnion Temperature: 22.25 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 7.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.35	4.50	19.61	6.00	13.74
1.00	22.25	4.75	18.42	7.00	11.02
2.00	22.20	5.00	17.16	8.00	9.27
3.00	22.12	5.25	16.21	9.00	8.49
4.00	21.75	5.50	15.38	9.85	8.34
4.25	21.40	5.75	14.24		

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Lake # 302 S 29 JUL 76 (Day 210) Time: 10 00 CDT
Air Temperature: 18 (C) Wind: -
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.84 (C)
Epilimnion Temperature: 22.88 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 5.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.84	4.75	20.34	6.50	13.38
1.00	22.88	5.00	19.34	7.00	11.99
2.00	22.88	5.25	17.88	7.50	10.93
3.00	22.73	5.50	16.80	8.00	9.67
4.00	22.32	5.75	15.85	9.00	8.86
4.25	22.00	6.00	14.86	10.00	8.28
4.50	21.54				

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Lake # 302 S 12 AUG 76 (Day 224) Time: 10 00 CDT
Air Temperature: 21.7 (C) Wind: 8 - 16 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.68 (C)
Epilimnion Temperature: 21.66 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 5.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.68	5.50	19.42	7.25	12.19
1.00	21.66	5.75	18.13	7.50	11.54
2.00	21.53	6.00	16.88	7.75	10.78
3.00	21.42	6.25	16.36	8.00	10.33
4.00	21.24	6.50	15.04	8.50	9.55
5.00	20.92	6.75	14.30	9.00	9.08
5.25	20.32	7.00	13.16	9.70	8.69

****

Lake # 302 S 26 AUG 76 (Day 238) Time: 08 45 CDT
Air Temperature: 25.4 (C) Wind: 8 - 16 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.65 (C)
Epilimnion Temperature: 22.61 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 6.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.65	5.50	19.55	7.75	11.49
1.00	22.61	5.75	18.79	8.00	10.85
2.00	22.59	6.00	18.29	8.25	10.53
3.00	22.34	6.25	17.52	8.50	10.18
4.00	21.87	6.50	16.31	8.75	9.68
4.25	21.77	6.75	15.74	9.00	9.25
4.50	21.32	7.00	14.22	9.25	9.13
4.75	20.98	7.25	13.59	9.50	9.09
5.00	20.71	7.50	12.31	9.75	9.02
5.25	20.24				

****

Lake # 302 S 9 SEP 76 (Day 252) Time: [illegible] 15 CDT
Air Temperature: 17.6 (C) Wind: 8 - 16 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.75 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.93 (C)
Epilimnion Temperature: 18.93 (C) Epilimnion Depth (1 C/M): 6.625 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: 5.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.93	5.50	17.76	7.75	12.37
1.00	18.93	6.00	17.64	8.00	11.66
2.00	18.93	6.50	17.40	8.25	10.87
3.00	18.86	6.75	16.89	8.50	10.54
4.00	18.25	7.00	16.29	8.75	9.92
4.50	18.01	7.25	15.23	9.00	9.67
5.00	17.88	7.50	13.76	9.70	9.48

****

Lake # 302 S 23 SEP 76 (Day 266) Time: 09 15 CDT
Air Temperature: 8 (C) Wind: 16 - 24 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.36 (C)
Epilimnion Temperature: 15.41 (C) Epilimnion Depth (1 C/M): 7.875 (M)
Planar-Thermocline : 8.125 (M) Change at Planar-Thermo: 7.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.36	5.50	15.44	8.25	12.31
1.00	15.41	6.00	15.44	8.50	10.78
2.00	15.42	6.50	15.37	8.75	10.21
3.00	15.42	7.00	15.35	9.00	9.71
4.00	15.44	7.50	15.17	9.25	9.48
4.50	15.44	7.75	14.93	9.50	9.39
5.00	15.44	8.00	14.10	9.80	9.20

****

Lake # 302 S 7 OCT 76 (Day 280) Time: 09 30 CDT
Air Temperature: 6.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 9.5 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.9 (C)
Epilimnion Temperature: 11.11 (C) Epilimnion Depth (1 C/M): 9.8 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.210 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.90	4.00	11.19	8.00	11.09
1.00	11.11	5.00	11.16	9.00	11.02
2.00	11.15	6.00	11.16	9.80	11.01
3.00	11.17	7.00	11.15		

****

Lake # 302 S 21 OCT 76 (Day 294) Time: 09 45 CDT
Air Temperature: 1 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.74 (C)
Epilimnion Temperature: 6.74 (C) Epilimnion Depth (1 C/M): 9.5 (M)
Planar-Thermocline : 9.25 (M) Change at Planar-Thermo: -.220 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.74	4.00	6.72	8.00	6.66
1.00	6.74	5.00	6.72	9.00	6.61
2.00	6.74	6.00	6.72	9.50	6.72
3.00	6.73	7.00	6.71		

****

Lake # 302 S 0 JUN 78 (Day 151) Time: 10 00 CDT
Air Temperature: 9.2 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.58 (C)
Epilimnion Temperature: 15.55 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 7.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.58	4.00	10.79	6.50	7.14
1.00	15.55	4.25	9.86	7.00	6.90
2.00	15.55	4.50	9.38	7.50	6.58
3.00	15.54	4.75	8.99	8.00	6.48
3.25	15.12	5.00	8.42	9.00	6.36
3.50	13.68	5.50	7.86	9.50	6.34
3.75	12.68	6.00	7.43		

****

Lake # 302 S 28 JUN 78 (Day 179) Time: 09 38 CDT
Air Temperature: 19 (C) Wind: 0 - 3 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.52 (C)
Epilimnion Temperature: 20.42 (C) Epilimnion Depth (1 C/M): 2.75 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 4.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.52	4.00	16.62	6.00	9.83
1.00	20.42	4.25	15.96	6.50	9.04
2.00	20.20	4.50	14.81	7.00	8.50
2.50	20.07	4.75	13.65	7.50	7.96
3.00	18.92	5.00	12.50	8.00	7.43
3.25	18.46	5.25	11.59	8.50	7.09
3.50	17.82	5.50	10.99	9.00	6.93
3.75	17.39	5.75	10.60	9.80	6.82

****

Lake # 302 S 26 JUL 78 (Day 207) Time: 08 20 CDT
Air Temperature: Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 5.1 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.82 (C)
Epilimnion Temperature: 21.82 (C) Epilimnion Depth (1 C/M): 3.75 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 7.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.82	5.00	15.44	7.00	9.70
2.00	21.92	5.25	14.44	7.25	9.20
3.00	21.63	5.50	13.82	7.50	8.88
3.50	21.44	5.75	12.86	7.75	8.44
4.00	20.94	6.00	12.10	8.00	8.12
4.25	20.28	6.25	11.43	8.50	7.61
4.50	18.84	6.50	11.15	9.00	7.47
4.75	17.35	6.75	10.43	9.80	7.45

****

Lake # 302 S 23 AUG 78 (Day 235) Time: 09 40 CDT
Air Temperature: 12.81 (C) Wind: 5 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.27 (C)
Epilimnion Temperature: 18.3 (C) Epilimnion Depth (1 C/M): 5.625 (M)
Planar-Thermocline : 6.375 (M) Change at Planar-Thermo: 5.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.27	5.75	17.37	7.50	10.70
1.00	18.30	6.00	16.38	7.75	10.19
2.00	18.30	6.25	15.15	8.00	9.33
3.00	18.30	6.50	13.76	8.50	8.56
4.00	18.30	6.75	12.97	9.00	8.04
5.00	18.20	7.00	11.92	9.50	8.83
5.50	17.97	7.25	11.26	9.75	7.78

****

Lake # 302 S 20 SEP 78 (Day 263) Time: 09 15 CDT
Air Temperature: 10 (C) Wind: 3 - 6 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.32 (C)
Epilimnion Temperature: 14.38 (C) Epilimnion Depth (1 C/M): 7.25 (M)
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 7.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.32	6.00	14.38	8.25	9.58
1.00	14.38	7.00	14.30	8.50	9.09
2.00	14.39	7.50	13.71	8.75	8.71
3.00	14.39	7.75	11.72	9.00	8.40
4.00	14.38	8.00	10.56	10.00	7.83
5.00	14.39				

****

Lake # 302 S 18 OCT 78 (Day 291) Time: 09 00 CDT
Air Temperature: 1 (C) Wind: -
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.66 (C)
Epilimnion Temperature: 8.75 (C) Epilimnion Depth (1 C/M): 10.25 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.090 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.66	4.00	8.75	8.00	8.75
1.00	8.75	5.00	8.75	9.00	8.73
2.00	8.75	6.00	8.75	10.00	8.73
3.00	8.75	7.00	8.75	10.25	8.73

****

Lake # 302 S 11 JUN 80 (Day 162) Time:
Air Temperature: 16.9 (C) Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 3.8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.14 (C)
Epilimnion Temperature: 17.14 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.14	4.25	16.30	6.25	10.58
1.00	17.14	4.50	15.12	6.50	10.08
2.00	16.97	4.75	14.00	6.75	9.89
3.00	16.91	5.00	12.54	7.00	9.46
3.25	16.90	5.25	12.36	8.00	8.34
3.50	16.90	5.50	11.57	9.00	7.74
3.75	16.85	5.75	11.42	10.00	7.57
4.00	16.69	6.00	10.92		

****

Lake # 302 S 9 JUL 80 (Day 190) Time: 09 45 CDT
Air Temperature: 24.2 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 20.79 (C)
Epilimnion Temperature: 20.69 (C)
Planar-Thermocline : 5.875 (M)

Wind: 2 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 5.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.79	5.00	18.66	7.00	11.86
1.00	20.69	5.25	17.73	7.25	11.06
2.00	20.60	5.50	16.91	7.50	10.65
3.00	20.51	5.75	15.99	7.75	10.22
4.00	20.40	6.00	14.60	8.00	9.75
4.25	20.10	6.25	13.87	9.00	8.62
4.50	19.82	6.50	13.00	9.50	8.49
4.75	19.50	6.75	12.56		

****

Lake # 302 S 3 SEP 80 (Day 246) Time: 10 30 CDT
Air Temperature: 19.2 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 19.8 (C)
Epilimnion Temperature: 19.6 (C)
Planar-Thermocline : 6.875 (M)

Wind: 2 - 5 KMPH
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.625 (M)
Change at Planar-Thermo: 6.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.80	6.50	19.10	8.50	10.91
1.00	19.60	6.75	17.85	8.75	10.31
2.00	19.60	7.00	16.19	9.00	10.01
3.00	19.40	7.25	15.00	9.25	9.81
4.00	19.30	7.50	13.69	9.50	9.61
5.00	19.30	7.75	12.85	9.75	9.31
6.00	19.20	8.00	11.95	10.00	8.81
6.25	19.20	8.25	11.38	10.25	8.31

****

Lake # 302 S 6 AUG 80 (Day 218) Time: 09 18 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 21.39 (C)
Epilimnion Temperature: 21.42 (C)
Planar-Thermocline : 5.875 (M)

Wind: 10 - 12 KMPH
Weather Description:
Water Color: DARK -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.375 (M)
Change at Planar-Thermo: 8.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.39	6.00	18.15	8.00	11.07
1.00	21.42	6.50	16.91	8.25	10.10
2.00	21.41	6.50	16.08	8.50	9.82
3.00	21.41	6.75	15.14	8.75	9.62
4.00	21.40	7.00	13.98	9.00	9.32
5.00	21.34	7.25	13.17	9.25	9.03
5.25	21.30	7.50	12.45	9.50	8.91
5.50	20.95	7.75	11.77	9.75	8.79
5.75	20.30				

****

Lake # 302 S 1 OCT 80 (Day 274) Time: 09 30 CDT
Air Temperature: 9.08 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 11.77 (C)
Epilimnion Temperature: 11.77 (C)
Planar-Thermocline : 9.375 (M)

Wind: 8 - 10 KMPH
Weather Description: DRIZZLE
Water Color: PALE
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.75 (M)
Change at Planar-Thermo: 0.387 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.77	4.00	11.73	8.00	11.37
1.00	11.77	5.00	11.56	9.00	11.29
2.00	11.78	6.00	11.45	9.75	11.00
3.00	11.78	7.00	11.40		

****

Lake # 302 S 29 OCT 80 (Day 302) Time: 09 25 CDT
Air Temperature: 0 (C) Wind: 0 - 2 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.42 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.52 (C)
Epilimnion Temperature: 4.53 (C) Epilimnion Depth (1 C/M): 10.2 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 0.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.52	4.00	4.58	8.00	4.57
1.00	4.53	5.00	4.59	9.00	4.55
2.00	4.57	6.00	4.54	10.00	4.53
3.00	4.58	7.00	4.55	10.20	4.53

****

Lake # 302 S 12 MAY 81 (Day 132) Time: 09 55 CDT
Air Temperature: 15.5 (C) Wind: 5 - 10 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.7 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.22 (C)
Epilimnion Temperature: 12.04 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 3.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.22	4.50	9.89	6.00	6.93
1.00	12.04	4.75	9.39	7.00	6.52
2.00	11.68	5.00	8.69	8.00	6.31
3.00	11.19	5.25	7.80	9.00	6.18
4.00	10.67	5.50	7.27	10.00	6.12
4.25	10.27	5.75	7.32		

****

Lake # 302 S 26 MAY 81 (Day 146) Time: 00 09 CDT
Air Temperature: 12 (C) Wind: 5 - 7 KMPH
Cloud Cover: 1 /10 Weather Description: SUNNY
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.13 (C)
Epilimnion Temperature: 14.14 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.13	4.50	12.92	6.00	8.78
1.00	14.14	4.75	12.40	6.50	7.93
2.00	14.12	5.00	11.06	7.00	7.71
3.00	14.08	5.25	10.08	8.00	6.94
4.00	14.00	5.50	9.57	9.00	6.74
4.25	13.52	5.75	9.15	10.00	6.57

****

Lake # 302 S 9 JUN 81 (Day 160) Time: 10 43 CDT
Air Temperature: 16.8 (C) Wind: 5 - 10 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.35 (C)
Epilimnion Temperature: 18.13 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 3.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.35	4.25	15.74	6.25	10.16
1.00	18.13	4.50	15.24	6.50	9.62
2.00	18.07	4.75	14.32	6.75	9.20
3.00	18.00	5.00	13.39	7.00	8.81
3.25	17.97	5.25	12.44	7.50	8.06
3.50	17.72	5.50	12.02	8.00	7.72
3.75	16.87	5.75	11.35	9.00	7.27
4.00	16.33	6.00	10.67	10.00	7.05

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Lake # 302 S 23 JUN 81 (Day 174) Time: 09 40 CDT
Air Temperature: 19 (C) Wind: 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.17 (C)
Epilimnion Temperature: 18.17 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.17	5.00	16.57	7.00	10.35
1.00	18.17	5.25	15.59	7.25	9.61
2.00	18.10	5.50	14.64	7.50	9.34
3.00	18.07	6.00	12.82	7.75	8.88
4.00	17.74	6.25	11.75	8.00	8.64
4.25	17.48	6.50	11.55	9.00	8.15
4.50	17.31	6.75	13.61	9.50	7.77
4.75	17.05	6.75	11.03		

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Lake # 302 S 21 JUL 81 (Day 202) Time: 09 30 CDT
Air Temperature: 17 (C) Wind: 0 - 5 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.78 (C)
Epilimnion Temperature: 22.82 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.78	5.00	18.57	7.00	12.41
1.00	22.82	5.25	17.88	7.25	11.56
2.00	22.82	5.50	17.02	7.50	10.82
3.00	22.77	5.75	16.52	7.75	10.33
4.00	22.59	6.00	15.45	8.00	9.62
4.25	21.25	6.25	14.64	8.50	8.71
4.50	20.82	6.50	14.09	9.00	8.36
4.75	19.97	6.75	13.17	10.00	8.29

****

Lake # 302 S 7 JUL 81 (Day 188) Time: 08 45 CDT
Air Temperature: 26 (C) Wind: 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.95 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 24.36 (C)
Epilimnion Temperature: 24.35 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 7.125 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.36	4.50	19.06	6.75	12.60
1.00	24.35	4.75	18.39	7.00	11.75
2.00	23.89	5.00	17.61	7.25	10.55
2.25	23.22	5.25	16.77	7.50	10.00
2.50	22.78	5.50	16.38	7.75	9.65
2.75	22.17	5.75	15.48	8.00	9.36
3.00	21.83	6.00	14.40	9.00	8.47
4.00	20.15	6.25	13.60	10.00	8.27
4.25	19.17	6.50	13.05		

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Lake # 302 S 4 AUG 81 (Day 216) Time: 10 30 CDT
Air Temperature: 22 (C) Wind: 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.91 (C)
Epilimnion Temperature: 22.78 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 6.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.91	5.25	20.12	7.50	11.58
1.00	22.78	5.50	19.29	7.75	11.19
2.00	22.59	5.75	17.68	8.00	10.53
3.00	22.62	6.00	17.23	8.25	9.75
4.00	22.60	6.25	15.99	8.50	9.55
4.25	22.07	6.50	15.11	8.75	9.08
4.50	21.77	6.75	14.72	9.00	9.05
4.75	21.28	7.00	13.32	10.00	8.80
5.00	21.02	7.25	12.32		

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Lake # 302 S 18 AUG 81 (Day 230) Time: 09 27 CDT
Air Temperature: 17 (C) Wind: 5 - 10 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.3 (C)
Epilimnion Temperature: 21.3 (C) Epilimnion Depth (1 C/M): 5.375 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 6.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.30	5.75	19.59	7.75	11.39
1.00	21.30	6.00	18.80	8.00	10.73
2.00	21.29	6.25	17.31	8.25	10.00
3.00	21.25	6.50	16.12	8.50	9.85
4.00	21.20	6.75	14.50	8.75	9.61
5.00	20.94	7.00	14.33	9.00	9.18
5.25	20.86	7.25	13.07	10.00	8.62
5.50	20.40	7.50	12.20		

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Lake # 302 S 1 SEP 81 (Day 244) Time: 08 42 CDT
Air Temperature: 14.5 (C) Wind: 5 - 10 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.9 (C)
Epilimnion Temperature: 20.9 (C) Epilimnion Depth (1 C/M): 5.875 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 5.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.90	5.75	20.56	7.75	11.97
1.00	20.90	6.00	19.38	8.00	11.29
2.00	20.90	6.25	18.54	8.25	10.75
3.00	20.90	6.50	17.44	8.50	9.99
4.00	20.90	6.75	16.05	8.75	9.85
5.00	20.90	7.00	14.82	9.00	9.25
5.25	20.77	7.25	13.82	10.00	8.75
5.50	20.77	7.50	12.49		

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Lake # 302 S 15 SEP 81 (Day 258) Time: 09 45 CDT
Air Temperature: -1 (C) Wind: 5 - 10 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.33 (C)
Epilimnion Temperature: 18.33 (C) Epilimnion Depth (1 C/M): 6.5 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.33	6.00	18.31	8.25	11.48
1.00	18.33	7.00	17.28	8.50	10.94
2.00	18.60	7.25	16.98	8.75	10.08
3.00	18.33	7.50	14.45	9.00	9.75
4.00	18.33	7.75	13.13	10.00	9.70
5.00	18.33	8.00	12.36		

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Lake # 302 S 29 SEP 81 (Day 272) Time: 08 30 CDT
Air Temperature: 7.5 (C) Wind: 10 - 15 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.16 (C)
Epilimnion Temperature: 13.16 (C) Epilimnion Depth (1 C/M): 9.5 (M)
Planar-Thermocline : 9.5 (M) Change at Planar-Thermo: 1.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.16	4.00	13.22	8.00	13.20
1.00	13.16	5.00	13.23	9.00	13.04
2.00	13.19	6.00	13.23	10.00	11.56
3.00	13.22	7.00	13.21		

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Lake # 302 S 13 OCT 81 (Day 286) Time: 09 30 CDT
Air Temperature: -1 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description: RAIN
Secchi Visibility: 2.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 9.88 (C)
Epilimnion Temperature: 9.88 (C) Epilimnion Depth (1 C/M): 10 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.88	4.00	9.88	8.00	9.88
1.00	9.88	5.00	9.88	9.00	9.88
2.00	9.88	6.00	9.88	10.00	9.88
3.00	9.88	7.00	9.88		

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Lake # 302 S 27 OCT 81 (Day 300) Time: 10 37 CST
Air Temperature: 2 (C) Wind: 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 3.86 (C)
Epilimnion Temperature: 3.92 (C) Epilimnion Depth (1 C/M): 10.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.86	4.00	3.99	8.00	3.99
1.00	3.92	5.00	3.99	9.00	3.99
2.00	3.99	6.00	3.99	10.00	3.99
3.00	3.98	7.00	3.99	10.50	3.99

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Lake # 302 S 18 MAY 82 (Day 138) Time: 08 43 CDT
Air Temperature: 14 (C) Wind: 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description: RAIN
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.3 (C)
Epilimnion Temperature: 11.2 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 4.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.30	4.25	9.58	7.00	5.80
1.00	11.20	4.50	8.35	8.00	5.63
2.00	10.85	4.75	7.65	9.00	5.57
3.00	10.75	5.00	7.05	10.00	5.51
4.00	10.30	6.00	6.25		

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Lake # 302 S 1 JUN 82 (Day 152) Time: 09 52 CDT
Air Temperature: 10 (C) Wind: 15 - 20 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.1 (C)
Epilimnion Temperature: 17.1 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 3.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.10	3.50	13.22	5.25	8.60
1.00	17.10	3.75	12.50	5.50	8.21
2.00	17.09	4.00	12.07	5.75	7.86
2.25	16.98	4.25	11.47	6.00	7.51
2.50	16.01	4.50	10.80	7.00	6.70
2.75	15.02	4.75	10.02	8.00	6.50
3.00	14.35	5.00	9.20	9.00	6.29
3.25	13.51				

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Lake # 302 S 15 JUN 82 (Day 166) Time: 08 52 CDT
Air Temperature: 12 (C) Wind: 15 - 20 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.75 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.45 (C)
Epilimnion Temperature: 16.45 (C) Epilimnion Depth (1 C/M): 3.375 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Therm: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.45	4.25	14.03	6.25	8.27
1.00	16.45	4.50	13.11	6.50	8.21
2.00	16.43	4.75	12.42	6.75	7.84
3.00	16.34	5.00	11.32	7.00	7.51
3.25	16.32	5.25	10.12	8.00	6.76
3.50	15.83	5.50	9.78	9.00	6.59
3.75	15.13	5.75	9.42	10.00	6.46
4.00	14.92	6.00	8.77		

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Lake # 302 S 29 JUN 82 (Day 180) Time: 08 45 CDT
Air Temperature: 12 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.52 (C)
Epilimnion Temperature: 18.52 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Therm: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.52	5.00	13.55	7.00	8.85
1.00	18.52	5.25	12.63	7.25	8.02
2.00	18.52	5.50	11.93	7.50	8.01
3.00	18.52	5.75	10.90	7.75	7.77
4.00	17.74	6.00	10.33	8.00	7.67
4.25	16.62	6.25	9.62	9.00	7.13
4.50	15.45	6.50	9.47	10.00	6.92
4.75	14.05	6.75	9.16		

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Lake # 302 S 13 JUL 82 (Day 194) Time: 08 40 CDT
Air Temperature: 18 (C) Wind: 5 - 10 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.68 (C)
Epilimnion Temperature: 21.66 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Therm: 7.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.68	4.50	18.21	6.50	10.89
1.00	21.66	4.75	17.37	7.00	9.97
2.00	21.66	5.00	15.80	7.25	9.56
3.00	21.12	5.25	14.87	7.50	9.01
3.25	20.56	5.50	13.97	7.75	8.79
3.50	20.33	5.75	13.20	8.00	8.58
3.75	20.06	6.00	12.56	9.00	7.90
4.00	19.76	6.25	11.86	10.00	7.75
4.25	19.00	6.25	10.47		

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Lake # 302 S 27 JUL 82 (Day 208) Time: 09 28 CDT
Air Temperature: 24 (C) Wind: 0 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.92 (C)
Epilimnion Temperature: 22.92 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Therm: 6.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.92	5.00	17.73	7.00	11.02
1.00	22.92	5.25	16.51	7.25	10.30
2.00	22.88	5.50	15.76	7.50	9.76
3.00	22.82	5.75	14.24	7.75	9.07
4.00	21.82	6.00	13.43	8.00	8.74
4.25	20.79	6.25	12.76	9.00	8.03
4.50	19.74	6.50	12.20	10.00	7.83
4.75	18.71	6.75	11.62		

Lake # 302 S 10 AUG 82 (Day 222) Time: 08 40 CDT
Air Temperature: 14 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.2 (C)
Epilimnion Temperature: 20.21 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 6.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.20	5.75	16.69	7.75	10.26
1.00	20.21	6.00	15.13	8.00	9.51
2.00	20.14	6.25	13.81	8.25	8.76
3.00	20.04	6.50	13.45	8.50	8.64
4.00	20.04	6.75	12.98	8.75	8.46
5.00	19.86	7.00	12.25	9.00	8.34
5.25	18.52	7.25	11.03	10.00	8.17
5.50	17.85	7.50	10.63		

Lake # 302 S 24 AUG 82 (Day 236) Time: 09 13 CDT
Air Temperature: 15 (C) Wind: 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 5 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.08 (C)
Epilimnion Temperature: 20.22 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.08	5.75	17.59	7.75	10.60
1.00	20.22	6.00	16.78	8.00	9.85
2.00	20.23	6.25	15.42	8.25	9.14
3.00	20.23	6.50	14.48	8.50	8.99
4.00	20.22	6.75	13.61	8.75	8.80
5.00	20.20	7.00	12.57	9.00	8.60
3.25	19.65	7.25	11.62	10.00	8.37
5.50	19.07	7.50	11.10		

Lake # 302 S 7 SEP 82 (Day 250) Time: 10 54 CDT
Air Temperature: 10 (C) Wind: 15 - 20 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: GREEN -BLUE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.34 (C)
Epilimnion Temperature: 16.33 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.34	6.00	16.14	8.25	9.82
1.00	16.33	7.00	15.42	8.50	9.41
2.00	16.33	7.25	13.43	8.75	8.92
3.00	16.25	7.50	10.91	9.00	8.60
4.00	16.25	7.75	10.77	10.00	8.32 .
5.00	16.24	8.00	10.43		

Lake # 302 S 21 SEP 82 (Day 264) Time: 09 45 CDT
Air Temperature: 10.5 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.85 (C)
Epilimnion Temperature: 13.93 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 6.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.85	5.00	13.93	8.50	10.68
1.00	13.93	6.00	13.88	8.75	9.51
2.00	13.93	7.00	13.84	9.00	8.91
3.00	13.93	8.00	13.32	10.00	8.27
4.00	13.93	8.25	12.26		

Lake # 302 S 5 OCT 82 (Day 278) Time: 11 00 CDT
Air Temperature: 6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 10.72 (C)
Epilimnion Temperature: 10.73 (C)
Planar-Thermocline : 1.5 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: -.190 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.72	4.00	10.92	8.00	10.92
1.00	10.73	5.00	10.92	9.00	10.92
2.00	10.92	6.00	10.92	10.00	10.81
3.00	10.92	7.00	10.92		

Lake # 302 S 25 OCT 82 (Day 298) Time: 11 01 CDT
Air Temperature: 11 (C)
Cloud Cover: 2 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 6.73 (C)
Epilimnion Temperature: 6.73 (C)
Planar-Thermocline : .5 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.73	4.00	6.73	8.00	6.73
1.00	6.73	5.00	6.73	9.00	6.73
2.00	6.73	6.00	6.73	10.00	6.73
3.00	6.73	7.00	6.73		

Lake # 302 S 19 OCT 82 (Day 292) Time: 11 00 CDT
Air Temperature: 3.5 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 7.49 (C)
Epilimnion Temperature: 7.49 (C)
Planar-Thermocline : .5 (M)

Wind: 0 - 5 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.49	4.00	7.49	8.00	7.49
1.00	7.49	5.00	7.49	9.00	7.49
2.00	7.49	6.00	7.49	10.00	7.49
3.00	7.49	7.00	7.49		

Lake # 302 S 9 MAY 83 (Day 129) Time: 09 49 CDT
Air Temperature: 9 (C)
Cloud Cover: 6 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 7.4 (C)
Epilimnion Temperature: 7.4 (C)
Planar-Thermocline : 4.5 (M)

Wind: SE 15 - 20 KMPH
Weather Description:
Water Color: PALE -YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 10.1 (M)
Change at Planar-Thermo: 0.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.40	4.00	7.00	8.00	5.90
1.00	7.40	5.00	6.60	9.00	5.60
2.00	7.30	6.00	6.30	10.00	5.50
3.00	7.30	7.00	6.10	10.10	5.50

Lake # 302 S 17 MAY 83 (Day 137) Time: 08 40 CDT
Air Temperature:
Cloud Cover: 1 /10
Secchi Visibility: 5.2 (M)
Inflow Temperature:
Surface Temperature: 8.6 (C)
Epilimnion Temperature: 8.6 (C)
Planar-Thermocline : 8.375 (M)
Wind: SW 10 - 15 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.375 (M)
Change at Planar-Thermo: 1.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.60	6.00	8.10	8.25	7.50
1.00	8.60	7.00	8.05	8.50	7.20
2.00	8.50	7.25	7.90	8.75	7.05
3.00	8.50	7.50	7.90	9.00	6.90
4.00	8.40	7.75	7.80	10.00	6.50
5.00	8.25	8.00	7.65		

Lake # 302 S 14 JUN 83 (Day 165) Time: 10 23 CDT
Air Temperature: 18 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 18.4 (C)
Epilimnion Temperature: 18.4 (C)
Planar-Thermocline : 3.125 (M)
Wind: W 0 - 3 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.40	4.50	14.90	6.75	11.90
1.00	18.40	4.75	14.80	7.00	11.50
2.00	18.40	5.00	14.40	7.25	11.30
3.00	18.40	5.25	14.10	7.50	11.00
3.25	17.00	5.50	13.90	7.75	10.80
3.50	16.40	5.75	13.60	8.00	10.20
3.75	16.10	6.00	13.50	9.00	9.70
4.00	15.20	6.25	12.80	10.00	9.40
4.25	15.10	6.50	12.30	10.25	9.00

Lake # 302 S 0 JUN 83 (Day 151) Time: 11 00 CDT
Air Temperature: 15 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 13.2 (C)
Epilimnion Temperature: 13.1 (C)
Planar-Thermocline : 4.875 (M)
Wind: NW 15 - 20 KMPH
Weather Description:
Water Color: BLUE -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 2.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.20	4.50	12.70	6.00	10.40
1.00	13.10	4.75	12.30	7.00	9.80
2.00	13.00	5.00	11.60	8.00	9.30
3.00	13.00	5.25	11.40	9.00	8.80
4.00	12.90	5.50	11.10	10.00	8.60
4.25	12.80	5.75	10.50		

Lake # 302 S 28 JUN 83 (Day 179) Time: 1' 14 CDT
Air Temperature: 23 (C)
Cloud Cover: 1 /10
Secchi Visibility: 5.6 (M)
Inflow Temperature:
Surface Temperature: 21.2 (C)
Epilimnion Temperature: 21 (C)
Planar-Thermocline : 3.875 (M)
Wind: N 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.875 (M)
Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.20	4.75	17.20	7.25	13.00
1.00	21.00	5.00	16.60	7.50	12.70
2.00	20.70	5.25	16.20	7.75	12.20
3.00	20.60	5.50	15.90	8.00	11.80
3.25	20.50	5.75	15.50	8.25	11.20
3.50	20.40	6.00	15.10	8.50	10.90
3.75	20.30	6.25	14.80	8.75	10.60
4.00	19.10	6.50	14.40	9.00	10.40
4.25	18.30	6.75	14.00	10.00	9.80
4.50	17.50	7.00	13.50		

****

Lake # 302 S 12 JUL 83 (Day 193) Time: 08 30 CDT
Air Temperature: 23 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4.6 (M)
Inflow Temperature:
Surface Temperature: 20.45 (C)
Epilimnion Temperature: 20.5 (C)
Planar-Thermocline : 7.625 (M)

Wind: SW 0 - 5 KMPH
Weather Description:
Water Color: BLUE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 3.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.45	5.25	17.40	7.50	12.55
1.00	20.50	5.50	16.85	7.75	11.60
2.00	20.10	5.75	16.35	8.00	11.10
3.00	20.10	6.00	15.90	8.25	10.50
4.00	19.75	6.25	15.20	8.50	10.25
4.25	19.20	6.50	14.90	8.75	9.90
4.50	18.75	6.75	14.40	9.00	9.65
4.75	18.30	7.00	13.75	10.00	9.00
5.00	17.80	7.25	13.30	10.25	8.75

Lake # 302 S 2 AUG 83 (Day 214) Time: 09 02 CDT
Air Temperature: 22 (C)
Cloud Cover: 9 /10
Secchi Visibility: 5.4 (M)
Inflow Temperature:
Surface Temperature: 23 (C)
Epilimnion Temperature: 23 (C)
Planar-Thermocline : 7.375 (M)

Wind: W 10 - 15 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.875 (M)
Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.00	5.25	21.70	7.50	13.60
1.00	23.00	5.50	20.80	7.75	13.10
2.00	23.00	5.75	19.90	8.00	12.30
3.00	22.90	6.00	18.80	8.25	11.40
4.00	22.85	6.25	17.80	8.50	10.90
4.25	22.85	6.50	16.80	8.75	10.40
4.50	22.80	6.75	16.30	9.00	9.90
4.75	22.70	7.00	15.70	10.00	9.00
5.00	22.25	7.25	14.80		

****

Lake # 302 S 26 JUL 83 (Day 207) Time: 14 45 CDT
Air Temperature: 27 (C)
Cloud Cover: 7 /10
Secchi Visibility: 5.4 (M)
Inflow Temperature:
Surface Temperature: 24.5 (C)
Epilimnion Temperature: 24.5 (C)
Planar-Thermocline : 6.625 (M)

Wind: S 15 - 20 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.50	5.25	21.40	7.50	14.60
1.00	24.50	5.50	20.60	7.75	13.90
2.00	24.50	5.75	19.80	8.00	13.10
3.00	24.40	6.00	19.00	8.25	12.10
4.00	24.10	6.25	18.50	8.50	11.50
4.25	23.80	6.50	17.90	8.75	11.00
4.50	23.10	6.75	16.90	9.00	10.90
4.75	22.60	7.00	16.20	10.00	10.10
5.00	22.00	7.25	15.40	11.00	9.80

Lake # 302 S 9 AUG 83 (Day 221) Time: 08 20 CDT
Air Temperature: 19 (C)
Cloud Cover: 10 /10
Secchi Visibility: 5.2 (M)
Inflow Temperature:
Surface Temperature: 24 (C)
Epilimnion Temperature: 24.1 (C)
Planar-Thermocline : 5.625 (M)

Wind: S 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.375 (M)
Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.00	5.75	22.00	7.75	14.10
1.00	24.10	6.00	21.00	8.00	13.60
2.00	24.20	6.25	19.70	8.25	12.90
3.00	24.20	6.50	18.90	8.50	12.20
4.00	24.20	6.75	18.10	8.75	11.50
5.00	24.10	7.00	17.00	9.00	11.00
5.25	24.00	7.25	16.30	10.00	10.30
5.50	23.30	7.50	15.20		

Lake # 302 S 24 AUG 83 (Day 236) Time: 14 30 CDT
Air Temperature: 26.3 (C)
Cloud Cover: 5 /10
Secchi Visibility: 5.2 (M)
Inflow Temperature:
Surface Temperature: 22.6 (C)
Epilimnion Temperature: 22.5 (C)
Planar-Thermocline : 7.125 (M)
Wind: SW 5 - 10 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.375 (M)
Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.60	6.25	21.40	8.00	14.20
1.00	22.50	6.50	20.80	8.25	12.90
2.00	22.30	6.75	19.80	8.50	12.00
3.00	22.20	7.00	18.60	8.75	11.50
4.00	22.00	7.25	16.90	9.00	11.20
5.00	21.80	7.50	15.70	10.00	10.30
6.00	21.60	7.75	14.70		

Lake # 302 S 20 SEP 83 (Day 263) Time: 12 08 CDT
Air Temperature: 12 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 14 (C)
Epilimnion Temperature: 14 (C)
Planar-Thermocline : 9.875 (M)
Wind: SW 20 - 25 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.625 (M)
Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.00	5.00	14.00	9.25	13.70
1.00	14.00	6.00	14.00	9.50	13.70
2.00	14.00	7.00	14.00	9.75	12.90
3.00	14.00	8.00	14.00	10.00	11.50
4.00	14.00	9.00	13.70		

Lake # 302 S 6 SEP 83 (Day 249) Time: 09 15 CDT
Air Temperature: 14 (C)
Cloud Cover: 4 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 20.8 (C)
Epilimnion Temperature: 21.1 (C)
Planar-Thermocline : 6.875 (M)
Wind: SW 5 - 10 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.375 (M)
Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.80	6.25	21.20	8.00	14.10
1.00	21.10	6.50	20.60	8.25	13.20
2.00	21.20	6.75	19.90	8.50	12.40
3.00	21.30	7.00	18.50	8.75	11.70
4.00	21.30	7.25	17.10	9.00	11.20
5.00	21.30	7.50	15.70	9.25	10.70
6.00	21.30	7.75	15.00	10.00	10.30

Lake # 302 S 4 OCT 83 (Day 277) Time: 09 38 CDT
Air Temperature: 8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 11.9 (C)
Epilimnion Temperature: 11.9 (C)
Planar-Thermocline : 6.5 (M)
Wind: S 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 10 (M)
Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.90	4.00	11.90	8.00	11.80
1.00	11.90	5.00	11.90	9.00	11.70
2.00	11.90	6.00	11.90	10.00	11.60
3.00	11.90	7.00	11.80		

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Lake # 303 — 20 MAY 69 — (Day 140) — Time: 10 00 CDT

Air Temperature: 4.4444 (C)
Cloud Cover: 3 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 12.82 (C)
Epilimnion Temperature: 12.82 (C)
Planar-Thermocline : 2 (M)

Wind: -
Weather Description: CLEAR
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2 (M)
Change at Planar-Thermo: 1.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.82	1.50	12.73	2.50	10.93
0.50	12.80				

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Lake # 303 — 4 JUN 69 — (Day 155) — Time: 11 18 CDT

Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 13.5 (C)
Epilimnion Temperature: 13.25 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2 (M)
Change at Planar-Thermo: 0.250 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.50	1.00	13.25	2.00	13.10

****

Lake # 303 — 19 JUN 69 — (Day 170) — Time: 11 00 CDT

Air Temperature:
Cloud Cover:
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 16 (C)
Epilimnion Temperature: 16 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2 (M)
Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.00	1.00	16.00	2.00	15.90

****

Lake # 303 — 3 JUL 69 — (Day 184) — Time: 11 00 CDT

Air Temperature:
Cloud Cover:
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 18.1 (C)
Epilimnion Temperature: 18 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2 (M)
Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.10	1.00	18.00	2.00	17.90

****

Lake # 303 — 15 JUL 69 — (Day 196) — Time: 11 00 CDT

Air Temperature:
Cloud Cover:
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 23.63 (C)
Epilimnion Temperature: 23.18 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2 (M)
Change at Planar-Thermo: 0.450 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.63	1.00	23.18	2.00	23.08

****

Lake # 303 — 21 JUL 69 — (Day 202) — Time: 10 00 CDT

Air Temperature:
Cloud Cover:
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 23.1 (C)
Epilimnion Temperature: 23 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2 (M)
Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.10	1.00	23.00	2.00	22.80

****

Lake # 303 29 JUL 69 (Day 210) Time: 10 20 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 23.1 (C)
Epilimnion Temperature: 22.8 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2 (M)
Change at Planar-Thermo: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.10	1.00	22.80	2.00	22.60

****

Lake # 303 15 AUG 69 (Day 227) Time: 11 20 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 20.3 (C)
Epilimnion Temperature: 20.1 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2 (M)
Change at Planar-Thermo: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.30	1.00	20.10	2.00	19.80

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Lake # 303 26 AUG 69 (Day 238) Time: 11 36 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 24.02 (C)
Epilimnion Temperature: 23.95 (C)
Planar-Thermocline : .25 (M)
Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2 (M)
Change at Planar-Thermo: 0.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.02	1.00	23.95	2.00	23.93
0.50	23.98				

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Lake # 303 8 SEP 69 (Day 251) Time: 10 45 CDT
Air Temperature:
Cloud Cover: 8 /10
Secchi Visibility: 2.1 (M)
Inflow Temperature:
Surface Temperature: 19.8 (C)
Epilimnion Temperature: 19.8 (C)
Planar-Thermocline : 1.5 (M)
Wind: 4 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 0.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.80	2.00	19.40	2.50	19.20
1.00	19.80				

****

Lake # 303 23 SEP 69 (Day 266) Time: 10 30 CDT
Air Temperature: 6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 14.3 (C)
Epilimnion Temperature: 14.6 (C)
Planar-Thermocline : 2.5 (M)
Wind: 9 - 13 KMPH
Weather Description: SNOW
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.30	2.00	14.70	3.00	15.70
1.00	14.60				

****

Lake # 303 9 OCT 69 (Day 282) Time: 11 00 CDT
Air Temperature: 8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.3 (M)
Inflow Temperature:
Surface Temperature: 8.5 (C)
Epilimnion Temperature: 8.4 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description: CLEAR
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.7 (M)
Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.50	1.50	8.40	2.70	8.46
1.00	8.40				

****

Lake # 303 21 OCT 69 (Day 294) Time: 11 00 CDT
Air Temperature:
Cloud Cover: 7 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 2.4 (C)
Epilimnion Temperature: 2.4 (C)
Planar-Thermocline : 2.5 (M)
Wind: 9 - 18 KMPH
Weather Description:
Water Color: BROWN -ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	2.40	2.00	2.40	3.00	8.40
1.00	2.40				

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Lake # 303 13 NOV 69 (Day 317) Time: 10 45 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 2.95 (C)
Epilimnion Temperature: 3.05 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2 (M)
Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	2.95	1.00	3.05	2.00	3.15

****

Lake # 303 11 DEC 69 (Day 345) Time: 10 00 CST
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 2.95 (C)
Epilimnion Temperature: 1.38 (C)
Planar-Thermocline : 2.55 (M)
Wind: -
Weather Description: CLEAR
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .625 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.28	2.00	3.45	2.60	4.07
1.00	1.38	2.50	3.77		

****

Lake # 303 21 JAN 70 (Day 21) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.07 (C)
Epilimnion Temperature: 2.98 (C)
Planar-Thermocline : 1.25 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.07	1.50	3.98	2.50	4.67
1.00	2.98	2.00	4.32		

****

Lake # 303 24 FEB 70 (Day 55) Time: 14 20 CST
Air Temperature: 5 (C)
Cloud Cover: 3 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .6 (C)
Epilimnion Temperature: 2.3 (C)
Planar-Thermocline : 1.25 (M)
Wind: 24 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.60	1.50	4.02	2.50	5.10
1.00	2.30	2.00	4.35		

****

Lake # 303 12 MAY 70 (Day 132) Time: 14 10 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 4.6 (C)
Epilimnion Temperature: 4.55 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 0.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.60	2.00	4.55	2.50	4.55
1.00	4.55				

****

Lake # 303 13 MAY 70 (Day 133) Time: 08 30 CDT
Air Temperature: Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.5 (C)
Epilimnion Temperature: 4.4 (C) Epilimnion Depth (1 C/M): 2.6 (M)
Planar-Thermocline : .25 (M) Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.50	1.00	4.40	2.60	4.35
0.50	4.40	2.00	4.35		

****

Lake # 303 20 MAY 70 (Day 140) Time: 11 45 CDT
Air Temperature: 13.8 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.55 (C)
Epilimnion Temperature: 12.09 (C) Epilimnion Depth (1 C/M): 2.3 (M)
Planar-Thermocline : 2.3 (M) Change at Planar-Thermo: 1.250 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.55	2.00	11.90	2.60	11.15
1.00	12.09				

****

Lake # 303 8 JUN 70 (Day 159) Time: 10 25 CDT
Air Temperature: 20.9 (C) Wind: 8 - 16 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.87 (C)
Epilimnion Temperature: 21.85 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.25 (M) Change at Planar-Thermo: 2.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.87	2.00	21.60	2.50	20.50
1.00	21.85				

****

Lake # 303 29 JUN 70 (Day 180) Time: 08 45 CDT
Air Temperature: Wind: -
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.07 (C)
Epilimnion Temperature: 20.98 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 3.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.07	1.00	20.98	2.00	20.77
0.25	21.05	1.25	20.95	2.25	20.43
0.50	21.05	1.50	20.92	2.50	19.57
0.75	21.02	1.75	20.89		

****

Lake # 303 27 JUL 70 (Day 208) Time: 10 30 CDT
Air Temperature: 23 (C) Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.2 (C)
Epilimnion Temperature: 22.9 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.25 (M) Change at Planar-Thermo: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.20	2.00	22.70	2.50	22.30
1.00	22.90				

****

Lake # 303 16 SEP 70 (Day 259) Time: 12 00 CDT
Air Temperature: Wind: 3 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 1.95 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.16 (C)
Epilimnion Temperature: 11.16 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.25 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.16	2.00	10.92	2.50	12.10
1.00	11.16				

****

Lake # 303 0 OCT 70 (Day 273) Time:
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 1.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.81 (C)
Epilimnion Temperature: 11.78 (C) Epilimnion Depth (1 C/M): 2.6 (M)
Planar-Thermocline : 2.55 (M) Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.81	2.00	11.74	2.60	11.77
1.00	11.78	2.50	11.76		

****

Lake # 303 28 OCT 70 (Day 301) Time:
Air Temperature: Wind: 0 - 2 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.7 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.33 (C)
Epilimnion Temperature: 7.42 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.25 (M) Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.33	2.00	7.42	2.50	7.47
1.00	7.42				

****

Lake # 303 8 DEC 70 (Day 342) Time: 17 00 CDT
Air Temperature: 20 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 1.4 (C)
Epilimnion Temperature: 3.6 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.40	2.00	3.90	2.50	4.25
1.00	3.60				

****

Lake # 303 22 FEB 71 (Day 53) Time:
Air Temperature: Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 1.14 (C)
Epilimnion Temperature: 2.17 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 2.15 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.14	2.00	4.01	2.30	4.68
1.00	2.17				

****

Lake # 303 26 APR 71 (Day 116) Time: 12 00 CST
Air Temperature: 10 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.5 (C)
Epilimnion Temperature: 7.45 (C) Epilimnion Depth (1 C/M): 2 (M)
Planar-Thermocline : 1.25 (M) Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.50	1.00	7.45	2.00	7.40
0.50	7.50	1.50	7.35		

****

Lake # 303 28 APR 71 (Day 118) Time: 07 30 CDT
Air Temperature: 8 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.33 (C)
Epilimnion Temperature: 7.37 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.33	2.00	7.37	2.50	7.35
1.00	7.37				

****

Lake # 303 0 MAY 71 (Day 120) Time: 19 00 CDT
Air Temperature: 2.2 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.51 (C)
Epilimnion Temperature: 6.54 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.25 (M) Change at Planar-Thermo: -.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.51	2.00	6.55	2.50	6.59
1.00	6.54				

****

Lake # 303 2 MAY 71 (Day 122) Time: 19 00 CDT
Air Temperature: 16 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.53 (C)
Epilimnion Temperature: 8.39 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.25 (M) Change at Planar-Thermo: 1.620 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.53	2.00	7.92	2.50	7.11
1.00	8.39				

****

Lake # 303 12 MAY 71 (Day 132) Time: 10 30 CDT
Air Temperature: 14.2 (C) Wind: 2 - 3 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.41 (C)
Epilimnion Temperature: 12.34 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.41	2.00	12.29	2.50	12.28
1.00	12.34				

****

Lake # 303 26 MAY 71 (Day 146) Time: 10 30 CDT
Air Temperature: 12.25 (C) Wind: 3 - 6 KMPH
Cloud Cover: 2 /10 Weather Description: WIND VARIES
Secchi Visibility: 2.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.69 (C)
Epilimnion Temperature: 11.64 (C) Epilimnion Depth (1 C/M): 2.63 (M)
Planar-Thermocline : .25 (M) Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.69	1.50	11.60	2.50	11.56
0.50	11.64	2.00	11.56	2.63	11.57
1.00	11.64				

****

Lake # 303 9 JUN 71 (Day 160) Time: 11 00 CDT
Air Temperature: Wind: 3 - 6 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.75 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 19 (C)
Surface Temperature: 18.94 (C)
Epilimnion Temperature: 18.92 (C) Epilimnion Depth (1 C/M): 2.75 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 0.373 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.94	1.00	18.92	2.00	18.84
0.50	18.93	1.50	18.85	2.75	18.56

****

Lake # 303 23 JUN 71 (Day 174) Time: 11 20 CDT
Air Temperature: 16.6 (C) Wind: 2 - 3 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 21.05 (C)
Surface Temperature: 22.3 (C)
Epilimnion Temperature: 22.32 (C) Epilimnion Depth (1 C/M): 2.4 (M)
Planar-Thermocline : 2.2 (M) Change at Planar-Thermo: 0.225 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.30	1.00	22.32	2.40	22.15
0.50	22.33	2.00	22.24		

****

Lake # 303 7 JUL 71 (Day 188) Time:
Air Temperature: Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.64 (C)
Epilimnion Temperature: 21.63 (C) Epilimnion Depth (1 C/M): 2.6 (M)
Planar-Thermocline : 2.3 (M) Change at Planar-Thermo: 0.150 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.64	1.00	21.63	2.00	21.62
0.50	21.64	1.50	21.62	2.60	21.53

****

Lake # 303 21 JUL 71 (Day 202) Time: 09 00 CDT
Air Temperature: Wind: 2 - 3 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 21.93 (C)
Surface Temperature: 22.91 (C)
Epilimnion Temperature: 22.87 (C) Epilimnion Depth (1 C/M): 2.6 (M)
Planar-Thermocline : 2.3 (M) Change at Planar-Thermo: 0.317 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.91	1.00	22.87	2.00	22.70
0.50	22.89	1.50	22.81	2.60	22.51

****

Lake # 303 4 AUG 71 (Day 216) Time: 08 45 CDT
Air Temperature: Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.93 (C)
Epilimnion Temperature: 18.7 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 1.75 (M) Change at Planar-Thermo: 0.820 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.93	1.00	18.70	2.00	18.23
0.50	18.85	1.50	18.64	2.50	18.08

****

Lake # 303 18 AUG 71 (Day 230) Time: 08 45 CDT
Air Temperature: 20.6 (C) Wind: 0 - 2 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.44 (C)
Epilimnion Temperature: 21.41 (C) Epilimnion Depth (1 C/M): 1.75 (M)
Planar-Thermocline : 1.75 (M) Change at Planar-Thermo: 2.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.44	1.00	21.41	2.00	20.13
0.50	21.43	1.50	21.21	2.50	20.11

****

Lake # 303 1 SEP 71 (Day 244) Time: 08 55 CDT
Air Temperature: 18.4 (C) Wind: 2 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.89 (C)
Epilimnion Temperature: 19.94 (C) Epilimnion Depth (1 C/M): 2.3 (M)
Planar-Thermocline : 2.3 (M) Change at Planar-Thermo: 1.417 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.89	1.00	19.94	2.60	19.09
0.50	19.89	2.00	19.94		

Lake # 303 15 SEP 71 (Day 258) Time: 08 55 CDT
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 17.18 (C)
Epilimnion Temperature: 17.18 (C)
Planar-Thermocline : 2.5 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3 (M)
Change at Planar-Thermo: -.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.18	1.00	17.18	3.00	17.22
0.50	17.18	2.00	17.18		

Lake # 303 27 OCT 71 (Day 300) Time: 09 30 CDT
Air Temperature: 12 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 9.25 (C)
Epilimnion Temperature: 9.25 (C)
Planar-Thermocline : 2.5 (M)
Wind: 3 - 6 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.25	2.00	9.25	3.00	11.39
1.00	9.25				

Lake # 303 29 SEP 71 (Day 272) Time: 08 55 CDT
Air Temperature:
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.65 (C)
Epilimnion Temperature: 12.65 (C)
Planar-Thermocline : 1.75 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature: 13.15 (C)
Epilimnion Depth (1 C/M): 2.6 (M)
Change at Planar-Thermo: 0.140 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.65	1.00	12.65	2.00	12.56
0.50	12.65	1.50	12.63	2.60	12.56

Lake # 303 15 DEC 71 (Day 349) Time: 15 30 CST
Air Temperature: 5 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.25 (C)
Epilimnion Temperature: 2.35 (C)
Planar-Thermocline : .375 (M)
Wind: 8 - 16 KMPH
Weather Description: SNOWING
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .375 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.69	1.00	2.35	2.40	4.94
0.50	1.64	2.00	4.04		

Lake # 303 13 OCT 71 (Day 286) Time: 09 10 CDT
Air Temperature: 9.15 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 8.63 (C)
Epilimnion Temperature: 8.61 (C)
Planar-Thermocline : 2.3 (M)
Wind: 3 - 6 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 7.65 (C)
Epilimnion Depth (1 C/M): 2.3 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.63	1.00	8.61	2.60	9.96
0.50	8.61	2.00	8.61		

Lake # 303 19 JAN 72 (Day 19) Time: 15 30 CST
Air Temperature: -26.1 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .31 (C)
Epilimnion Temperature: 3.2 (C)
Planar-Thermocline : .125 (M)
Wind: 16 - 24 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .125 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.31	0.50	2.98	2.00	4.15
0.25	2.05	1.00	3.20	2.75	4.55

Lake # 303 15 FEB 72 (Day 46) Time: 16 15 CST
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .29 (C)
Epilimnion Temperature: 1.91 (C)
Planar-Thermocline : .75 (M)
Wind: 5 - 8 KMPH
Weather Description: SNOWING
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .75 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.29	1.00	1.91	2.40	5.18
0.50	0.52	2.00	4.36		

Lake # 303 2 JUL 75 (Day 183) Time: 10 30 CDT
Air Temperature: 26.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.5 (M)
Inflow Temperature:
Surface Temperature: 24.89 (C)
Epilimnion Temperature: 24.26 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 3 (M)
Change at Planar-Therm: 0.630 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.89	2.00	24.00	3.00	23.68
1.00	24.26				

Lake # 303 6 APR 72 (Day 96) Time: 15 30 CST
Air Temperature:
Cloud Cover: 5 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .31 (C)
Epilimnion Temperature: 2 (C)
Planar-Thermocline : 1.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.31	2.00	4.85	2.60	6.02
1.00	2.00				

Lake # 303 16 JUL 75 (Day 197) Time: 10 30 CDT
Air Temperature: 29 (C)
Cloud Cover: 3 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 25.4 (C)
Epilimnion Temperature: 24.89 (C)
Planar-Thermocline : 1.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 26.5 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Therm: 1.430 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.40	2.00	23.46	2.50	23.42
1.00	24.89				

Lake # 303 12 JUN 74 (Day 163) Time: 10 55 CDT
Air Temperature: 21.11 (C)
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 17 (C)
Epilimnion Temperature: 16.82 (C)
Planar-Thermocline : 2.2 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.4 (M)
Change at Planar-Therm: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.00	2.00	16.62	2.40	16.50
1.00	16.82				

Lake # 303 30 JUL 75 (Day 211) Time: 10 30 CDT
Air Temperature: 29 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 25.75 (C)
Epilimnion Temperature: 25.55 (C)
Planar-Thermocline : 2.5 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Therm: 2.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.75	2.00	25.30	3.00	22.38
1.00	25.55				

Lake # 303 13 AUG 75 (Day 225) Time: 09 45 CDT
Air Temperature: 18.4 (C)
Cloud Cover: 5 /10
Secchi Visibility: .8 (M)
Inflow Temperature:
Surface Temperature: 20.84 (C)
Epilimnion Temperature: 20.84 (C)
Planar-Thermocline : 1.5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 0.610 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.84	2.00	20.23	2.50	20.19
1.00	20.84				

Lake # 303 24 SEP 75 (Day 267) Time: 10 30 CDT
Air Temperature: 12 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 11.41 (C)
Epilimnion Temperature: 11.41 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 0.1u0 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.41	2.00	11.31	2.50	11.31
1.00	11.41				

Lake # 303 27 AUG 75 (Day 239) Time: 10 45 CDT
Air Temperature: 19 (C)
Cloud Cover: 9 /10
Secchi Visibility: .8 (M)
Inflow Temperature:
Surface Temperature: 18.04 (C)
Epilimnion Temperature: 17.82 (C)
Planar-Thermocline : 1.5 (M)
Wind: 0 - 8 KMPH
Weather Description: WIND VARIES
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3 (M)
Change at Planar-Thermo: 0.410 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.04	2.00	17.41	3.00	17.37
1.00	17.82				

Lake # 303 8 OCT 75 (Day 281) Time: 10 00 CDT
Air Temperature: 11 (C)
Cloud Cover: 1 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 11.47 (C)
Epilimnion Temperature: 11.37 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 11.6 (C)
Epilimnion Depth (1 C/M): 2.75 (M)
Change at Planar-Thermo: 0.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.47	2.00	11.30	2.75	11.30
1.00	11.37				

Lake # 303 10 SEP 75 (Day 253) Time: 10 00 CDT
Air Temperature: 16 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.1 (M)
Inflow Temperature:
Surface Temperature: 15.02 (C)
Epilimnion Temperature: 15.02 (C)
Planar-Thermocline : 2.375 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.75 (M)
Change at Planar-Thermo: -.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.02	2.00	15.02	2.75	15.14
1.00	15.02				

Lake # 303 22 OCT 75 (Day 295) Time: 10 05 CDT
Air Temperature: 5.01 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.1 (M)
Inflow Temperature:
Surface Temperature: 7.93 (C)
Epilimnion Temperature: 7.99 (C)
Planar-Thermocline : 2.5 (M)
Wind: -
Weather Description: HAZY
Water Color: YELLOW-GREEN
Outflow Temperature: 7.1 (C)
Epilimnion Depth (1 C/M): 3 (M)
Change at Planar-Thermo: 0.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.93	2.00	7.99	3.00	7.91
1.00	7.99				

Lake # 303 5 NOV 75 (Day 309) Time: 10 30 CST
Air Temperature: 10.5 (C)
Cloud Cover: 8 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 5.64 (C)
Epilimnion Temperature: 5.61 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature: 5.6 (C)
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 0.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.64	2.00	5.61	2.50	5.61
1.00	5.61				

Lake # 303 10 JUN 76 (Day 161) Time: 11 25 CDT
Air Temperature: 23.75 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.9 (M)
Inflow Temperature:
Surface Temperature: 24.53 (C)
Epilimnion Temperature: 24.15 (C)
Planar-Thermocline : 2.75 (M)
Wind: -
Weather Description: HAZE
Water Color: YELLOW-GREEN
Outflow Temperature: 24.7 (C)
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 7.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.53	2.00	23.97	3.00	19.37
1.00	24.15	2.50	23.33	3.50	16.52

Lake # 303 13 MAY 76 (Day 133) Time: 11 10 CDT
Air Temperature: 16.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 12.79 (C)
Epilimnion Temperature: 12.47 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 13.42 (C)
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 0.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.79	2.00	12.30	2.50	12.27
1.00	12.47				

Lake # 303 24 JUN 76 (Day 175) Time: 10 43 CDT
Air Temperature: 21 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 21.32 (C)
Epilimnion Temperature: 21.01 (C)
Planar-Thermocline : 2.125 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 20.95 (C)
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 2.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.32	2.00	20.12	2.50	19.28
1.00	21.01	2.25	19.44	2.75	18.97

Lake # 303 27 MAY 76 (Day 147) Time: 11 40 CDT
Air Temperature: 21.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 18.47 (C)
Epilimnion Temperature: 18.39 (C)
Planar-Thermocline : 2.375 (M)
Wind: -
Weather Description: HAZY
Water Color: YELLOW-GREEN
Outflow Temperature: 18.35 (C)
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 3.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.47	2.25	17.86	2.75	16.05
1.00	18.39	2.50	16.88	3.00	16.05
2.00	18.08				

Lake # 303 8 JUL 76 (Day 189) Time: 08 55 CDT
Air Temperature: 24.7 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.9 (M)
Inflow Temperature:
Surface Temperature: 23.62 (C)
Epilimnion Temperature: 23.38 (C)
Planar-Thermocline : 2.65 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 21.27 (C)
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.62	2.00	22.80	2.80	18.74
1.00	23.38	2.50	21.81		

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Lake # 303 22 JUL 76 (Day 203) Time: 09 20 CDT
Air Temperature: 20.2 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 19.22 (C)
Surface Temperature: 22.12 (C)
Epilimnion Temperature: 22.11 (C) Epilimnion Depth (1 C/M): 2.7 (M)
Planar-Thermocline : 2.35 (M) Change at Planar-Thermo: 0.529 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.12	2.00	21.92	2.70	21.55
1.00	22.11				

Lake # 303 2 SEP 76 (Day 245) Time: 11 15 CDT
Air Temperature: 12.3 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: .7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 16.07 (C)
Surface Temperature: 17.46 (C)
Epilimnion Temperature: 17.29 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 0.830 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.46	2.00	16.46	2.25	16.46
1.00	17.29				

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Lake # 303 5 AUG 76 (Day 217) Time: 10 30 CDT
Air Temperature: 24 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 21.2 (C)
Surface Temperature: 22.07 (C)
Epilimnion Temperature: 22.08 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 1.467 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.07	2.00	21.91	2.75	20.81
1.00	22.08				

Lake # 303 16 SEP 76 (Day 259) Time: 10 30 CDT
Air Temperature: 13 (C) Wind: 0 - 3 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: .9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 15.35 (C)
Surface Temperature: 15.65 (C)
Epilimnion Temperature: 15.56 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: -.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.65	2.00	15.50	2.25	15.53
1.00	15.56				

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Lake # 303 19 AUG 76 (Day 231) Time: 10 50 CDT
Air Temperature: 27.45 (C) Wind: 3 - 8 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: .75 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 21.41 (C)
Surface Temperature: 22.52 (C)
Epilimnion Temperature: 21.76 (C) Epilimnion Depth (1 C/M): 2.375 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 1.187 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.52	2.00	21.10	2.75	20.21
1.00	21.76				

Lake # 303 30 SEP 76 (Day 273) Time: 11 00 CDT
Air Temperature: 12.1 (C) Wind: 3 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: .9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 10.84 (C)
Surface Temperature: 10.2 (C)
Epilimnion Temperature: 9.97 (C) Epilimnion Depth (1 C/M): 2.1 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 0.370 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.20	2.00	9.60	2.10	9.63
1.00	9.97				

Lake # 303 5 NOV 75 (Day 309) Time: 10 30 CST
Air Temperature: 10.5 (C)
Cloud Cover: 8 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 5.64 (C)
Epilimnion Temperature: 5.61 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature: 5.6 (C)
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 0.030 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.64	2.00	5.61	2.50	5.61
1.00	5.61				

Lake # 303 10 JUN 76 (Day 161) Time: 11 25 CDT
Air Temperature: 23.75 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.9 (M)
Inflow Temperature:
Surface Temperature: 24.53 (C)
Epilimnion Temperature: 24.15 (C)
Planar-Thermocline : 2.75 (M)
Wind: -
Weather Description: HAZE
Water Color: YELLOW-GREEN
Outflow Temperature: 24.7 (C)
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 7.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.53	2.00	23.97	3.00	19.37
1.00	24.15	2.50	23.33	3.50	16.52

Lake # 303 13 MAY 76 (Day 133) Time: 11 10 CDT
Air Temperature: 16.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 12.79 (C)
Epilimnion Temperature: 12.47 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 13.42 (C)
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 0.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.79	2.00	12.30	2.50	12.27
1.00	12.47				

Lake # 303 24 JUN 76 (Day 175) Time: 10 43 CDT
Air Temperature: 21 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 21.32 (C)
Epilimnion Temperature: 21.01 (C)
Planar-Thermocline : 2.125 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 20.95 (C)
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 2.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.32	2.00	20.12	2.50	19.28
1.00	21.01	2.25	19.44	2.75	18.97

Lake # 303 27 MAY 76 (Day 147) Time: 11 40 CDT
Air Temperature: 21.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 18.47 (C)
Epilimnion Temperature: 18.39 (C)
Planar-Thermocline : 2.375 (M)
Wind: -
Weather Description: HAZY
Water Color: YELLOW-GREEN
Outflow Temperature: 18.35 (C)
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 3.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.47	2.25	17.86	2.75	16.05
1.00	18.39	2.50	16.88	3.00	16.05
2.00	18.08				

Lake # 303 8 JUL 76 (Day 189) Time: 08 55 CDT
Air Temperature: 24.7 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.9 (M)
Inflow Temperature:
Surface Temperature: 23.62 (C)
Epilimnion Temperature: 23.38 (C)
Planar-Thermocline : 2.65 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 21.27 (C)
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.62	2.00	22.80	2.80	18.74
1.00	23.38	2.50	21.81		

Lake # 303 22 JUL 76 (Day 203) Time: 09 20 CDT
Air Temperature: 20. (C)
Cloud Cover: 1 /10
Secchi Visibility: 1.4 (M)
Inflow Temperature:
Surface Temperature: 22.12 (C)
Epilimnion Temperature: 22.11 (C)
Planar-Thermocline : 2.35 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 19.22 (C)
Epilimnion Depth (1 C/M): 2.7 (M)
Change at Planar-Thermo: 0.529 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.12	2.00	21.92	2.70	21.55
1.00	22.11				

Lake # 303 2 SEP 76 (Day 245) Time: 11 15 CDT
Air Temperature: 12.3 (C)
Cloud Cover: 1 /10
Secchi Visibility: .7 (M)
Inflow Temperature:
Surface Temperature: 17.46 (C)
Epilimnion Temperature: 17.29 (C)
Planar-Thermocline : 1.5 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 16.07 (C)
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 0.830 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.46	2.00	16.46	2.25	16.46
1.00	17.29				

Lake # 303 5 AUG 76 (Day 217) Time: 10 30 CDT
Air Temperature: 24 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 22.07 (C)
Epilimnion Temperature: 22.08 (C)
Planar-Thermocline : 2.375 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 21.2 (C)
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 1.467 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.07	2.00	21.91	2.75	20.81
1.00	22.08				

Lake # 303 16 SEP 76 (Day 259) Time: 10 30 CDT
Air Temperature: 13 (C)
Cloud Cover: 7 /10
Secchi Visibility: .9 (M)
Inflow Temperature:
Surface Temperature: 15.65 (C)
Epilimnion Temperature: 15.56 (C)
Planar-Thermocline : 2.125 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 15.35 (C)
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: -.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.65	2.00	15.50	2.25	15.53
1.00	15.56				

Lake # 303 19 AUG 76 (Day 231) Time: 10 50 CDT
Air Temperature: 27.45 (C)
Cloud Cover: 4 /10
Secchi Visibility: .75 (M)
Inflow Temperature:
Surface Temperature: 22.52 (C)
Epilimnion Temperature: 21.76 (C)
Planar-Thermocline : 2.375 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 21.41 (C)
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 1.187 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.52	2.00	21.10	2.75	20.21
1.00	21.76				

Lake # 303 30 SEP 76 (Day 273) Time: 11 00 CDT
Air Temperature: 12.1 (C)
Cloud Cover: 1 /10
Secchi Visibility: .9 (M)
Inflow Temperature:
Surface Temperature: 10.2 (C)
Epilimnion Temperature: 9.97 (C)
Planar-Thermocline : 1.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 10.84 (C)
Epilimnion Depth (1 C/M): 2.1 (M)
Change at Planar-Thermo: 0.370 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.20	2.00	9.60	2.10	9.63
1.00	9.97				

Lake # 303 14 OCT 76 (Day 287) Time: 09 45 CDT
Air Temperature: 8.3 (C)
Cloud Cover: 9 /10
Secchi Visibility: 1.1 (M)
Inflow Temperature:
Surface Temperature: 7.14 (C)
Epilimnion Temperature: 7.14 (C)
Planar-Thermocline : 2.1 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 5.7 (C)
Epilimnion Depth (1 C/M): 2.2 (M)
Change at Planar-Thermo: -.150 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.14	2.00	7.13	2.20	7.16
1.00	7.14				

Lake # 303 7 JUN 77 (Day 158) Time: 07 00 CDT
Air Temperature: 17.41 (C)
Cloud Cover: 1 /10
Secchi Visibility: 1.9 (M)
Inflow Temperature:
Surface Temperature: 20.42 (C)
Epilimnion Temperature: 20.48 (C)
Planar-Thermocline : 1.75 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 18.88 (C)
Epilimnion Depth (1 C/M): 3 (M)
Change at Planar-Thermo: 0.820 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.42	1.50	20.48	2.50	20.02
0.50	20.46	2.00	20.07	3.00	19.68
1.00	20.48				

Lake # 303 10 MAY 77 (Day 130) Time: 10 15 CDT
Air Temperature: 10.9 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 14.74 (C)
Epilimnion Temperature: 14.74 (C)
Planar-Thermocline : 2.25 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: PALE -BROWN
Outflow Temperature: 13.32 (C)
Epilimnion Depth (1 C/M): 3 (M)
Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.74	1.50	14.74	2.50	14.40
0.30	14.74	2.00	14.70	3.00	14.20
1.00	14.74				

Lake # 303 21 JUN 77 (Day 172) Time: 08 54 CDT
Air Temperature: 22.47 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.25 (M)
Inflow Temperature:
Surface Temperature: 18.71 (C)
Epilimnion Temperature: 18.54 (C)
Planar-Thermocline : 1.25 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: BROWN
Outflow Temperature: 18.32 (C)
Epilimnion Depth (1 C/M): 1.25 (M)
Change at Planar-Thermo: 1.580 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.71	1.50	17.75	2.50	16.92
0.50	18.70	2.00	17.36	3.00	16.84
1.00	18.54				

Lake # 303 24 MAY 77 (Day 144) Time: 09 15 CDT
Air Temperature: 18.5 (C)
Cloud Cover: 3 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 19.48 (C)
Epilimnion Temperature: 19.43 (C)
Planar-Thermocline : 2.75 (M)
Wind: 0 - 5 KMPH
Weather Description:
Water Color: BROWN -GREEN
Outflow Temperature: 18.45 (C)
Epilimnion Depth (1 C/M): 3 (M)
Change at Planar-Thermo: 0.980 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.48	1.50	19.13	2.50	19.20
0.50	19.45	2.00	18.97	3.00	18.71
1.00	19.43				

Lake # 303 5 JUL 77 (Day 186) Time: 08 50 CDT
Air Temperature: 19 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.75 (M)
Inflow Temperature:
Surface Temperature: 22.73 (C)
Epilimnion Temperature: 22.7 (C)
Planar-Thermocline : 2.75 (M)
Wind: 5 - 8 KMPH
Weather Description:
Water Color: PALE -BROWN
Outflow Temperature: 21.55 (C)
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.73	1.50	22.70	2.50	21.72
0.50	22.70	2.00	22.67	3.00	19.72
1.00	22.70				

Lake # 303 16 AUG 77 (Day 228) Time: 08 50 CDT
Air Temperature: 17.3 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 17.36 (C)
Epilimnion Temperature: 17.35 (C)
Planar-Thermocline : 1.5 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 15.4 (C)
Epilimnion Depth (1 C/M): 2.6 (M)
Change at Planar-Thermo: 0.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.36	2.00	17.27	2.60	17.30
1.00	17.35				

Lake # 303 19 JUL 77 (Day 200) Time: 09 00 CDT
Air Temperature: 27.5 (C)
Cloud Cover: 5 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 25.04 (C)
Epilimnion Temperature: 24.89 (C)
Planar-Thermocline : 2.75 (M)
Wind: 3 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 23.56 (C)
Epilimnion Depth (1 C/M): 2.75 (M)
Change at Planar-Thermo: 1.540 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.04	1.50	24.61	2.50	24.17
1.00	24.89	2.00	24.42	3.00	23.40

Lake # 303 27 SEP 77 (Day 270) Time: 08 30 CDT
Air Temperature: 13 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 12.2 (C)
Epilimnion Temperature: 12.24 (C)
Planar-Thermocline : .5 (M)
Wind: 0 - 8 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature: 11.73 (C)
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: -.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.20	2.00	12.24	2.50	12.24
1.00	12.24				

Lake # 303 2 AUG 77 (Day 214) Time: 08 00 CDT
Air Temperature: 14.1 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 19.52 (C)
Epilimnion Temperature: 19.6 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 17 (C)
Epilimnion Depth (1 C/M): 3 (M)
Change at Planar-Thermo: -.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.52	1.50	19.62	3.00	19.63
1.00	19.60	2.50	19.63		

Lake # 303 11 OCT 77 (Day 284) Time: 08 05 CDT
Air Temperature: 4.8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 6.32 (C)
Epilimnion Temperature: 6.36 (C)
Planar-Thermocline : 2.25 (M)
Wind: 24 - 32 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature: 4.89 (C)
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: -.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.32	2.00	6.38	2.50	6.53
1.00	6.36				

Lake # 303 25 OCT 77 (Day 298) Time: 08 20 CDT
Air Temperature: 6.18 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 5.93 (C)
Surface Temperature: 6.32 (C)
Epilimnion Temperature: 5.11 (C) Epilimnion Depth (1 C/M): 2 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	5.11	2.00	5.11		

Lake # 303 13 JUN 78 (Day 164) Time: 08 30 CDT
Air Temperature: 14.5 (C) Wind: -
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 15.03 (C)
Surface Temperature: 16.38 (C)
Epilimnion Temperature: 16.38 (C) Epilimnion Depth (1 C/M): 2.6 (M)
Planar-Thermocline : 2.3 (M) Change at Planar-Thermo: 0.267 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.38	2.00	16.27	2.60	16.11
1.00	16.38				

Lake # 303 16 MAY 78 (Day 136) Time: 08 30 CDT
Air Temperature: 18.09 (C) Wind: 0 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 13.3 (C)
Surface Temperature: 14.87 (C)
Epilimnion Temperature: 14.75 (C) Epilimnion Depth (1 C/M): 1.75 (M)
Planar-Thermocline : 1.75 (M) Change at Planar-Thermo: 1.820 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.87	1.50	14.59	2.60	13.25
1.00	14.75	2.00	13.68		

Lake # 303 27 JUN 78 (Day 178) Time: 08 20 CDT
Air Temperature: 24.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 19.5 (C)
Surface Temperature: 20.52 (C)
Epilimnion Temperature: 20.47 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.25 (M) Change at Planar-Thermo: 1.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.52	2.00	20.30	2.50	19.78
1.00	20.47				

Lake # 303 30 MAY 78 (Day 150) Time: 09 00 CDT
Air Temperature: 12 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: GREEN -BROWN
Inflow Temperature: Outflow Temperature: 16 (C)
Surface Temperature: 18.06 (C)
Epilimnion Temperature: 18.27 (C) Epilimnion Depth (1 C/M): 2.75 (M)
Planar-Thermocline : 2.75 (M) Change at Planar-Thermo: 1.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.06	1.50	18.27	2.50	18.17
0.50	18.27	2.00	18.27	3.00	17.64
1.00	18.27				

Lake # 303 11 JUL 78 (Day 192) Time: 08 50 CDT
Air Temperature: 19.5 (C) Wind: -
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 19 (C)
Surface Temperature: 21.49 (C)
Epilimnion Temperature: 21.49 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 1.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.49	1.00	21.49	2.00	21.27
0.50	21.49	1.50	21.43	3.00	20.22
0.50	21.25				

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Lake # 303 25 JUL 78 (Day 206) Time: 08 50 CDT
Air Temperature: 23.1 (C)
Cloud Cover: .5 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 21.64 (C)
Epilimnion Temperature: 21.64 (C)
Planar-Thermocline : 2.75 (M)

Wind: 13 - 16 KMPH
Weather Description:
Water Color: DARK -GREEN
Outflow Temperature: 20.8 (C)

Epilimnion Depth (1 C/M): 3 (M)
Change at Planar-Thermo: 0.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.64	1.50	21.64	2.50	21.63
1.00	21.64	2.00	21.63	3.00	21.29

Lake # 303 5 SEP 78 (Day 248) Time: 08 37 CDT
Air Temperature: 20.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.85 (M)
Inflow Temperature:
Surface Temperature: 20.61 (C)
Epilimnion Temperature: 20.57 (C)
Planar-Thermocline : 1.875 (M)

Wind: 3 - 6 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 20.4 (C)

Epilimnion Depth (1 C/M): 1.875 (M)
Change at Planar-Thermo: 1.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.61	1.50	20.36	2.00	19.85
1.00	20.57	1.75	20.12	2.50	19.31

****

Lake # 303 9 AUG 78 (Day 221) Time: 08 20 CDT
Air Temperature: 17.5 (C)
Cloud Cover: 4 /10
Secchi Visibility: 1.9 (M)
Inflow Temperature:
Surface Temperature: 20.94 (C)
Epilimnion Temperature: 20.95 (C)
Planar-Thermocline : .5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 18.9 (C)

Epilimnion Depth (1 C/M): 2.4 (M)
Change at Planar-Thermo: -.010 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.94	2.00	20.95	2.40	20.95
1.00	20.95				

Lake # 303 3 OCT 78 (Day 276) Time: 09 40 CDT
Air Temperature: 14 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.6 (M)
Inflow Temperature:
Surface Temperature: 12.1 (C)
Epilimnion Temperature: 12.04 (C)
Planar-Thermocline : 2.25 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 11.81 (C)

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: -.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.10	2.00	12.03	2.50	12.23
1.00	12.04				

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Lake # 303 22 AUG 78 (Day 234) Time: 08 20 CDT
Air Temperature: 13.35 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.85 (M)
Inflow Temperature:
Surface Temperature: 18.2 (C)
Epilimnion Temperature: 18.3 (C)
Planar-Thermocline : 2.2 (M)

Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 16.3 (C)

Epilimnion Depth (1 C/M): 2.4 (M)
Change at Planar-Thermo: 0.225 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.20	2.00	18.32	2.40	18.23
1.00	18.30				

Lake # 303 3 JUL 80 (Day 184) Time: 09 40 CDT
Air Temperature: 23.8 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.1 (C)
Epilimnion Temperature: 18.8 (C)
Planar-Thermocline : .5 (M)

Wind: 10 - 15 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1 (M)
Change at Planar-Thermo: 0.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	18.80				

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Lake # 304 9 NOV 68 (Day 313) Time: 14 45 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 1.2 (M)
Inflow Temperature:
Surface Temperature: 2.5 (C)
Epilimnion Temperature: 3 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description: SNOW
Water Color: BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6 (M)
Change at Planar-Thermo: -.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	2.50	3.00	4.00	5.00	4.10
1.00	3.00	4.00	4.00	6.00	4.10
2.00	3.90				

****

Lake # 304 8 MAY 69 (Day 128) Time: 11 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 11.2 (C)
Epilimnion Temperature: 11.3 (C)
Planar-Thermocline : 2.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 4.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.20	2.00	10.10	4.00	5.20
1.00	11.30	3.00	6.00	4.80	5.00

****

Lake # 304 20 MAY 69 (Day 140) Time: 11 00 CDT
Air Temperature:
Cloud Cover: 3 /10
Secchi Visibility: 2.7 (M)
Inflow Temperature:
Surface Temperature: 12.53 (C)
Epilimnion Temperature: 12.45 (C)
Planar-Thermocline : 2.5 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 3.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.53	2.00	12.30	4.00	6.82
1.00	12.45	3.00	9.02	4.50	6.45

****

Lake # 304 4 JUN 69 (Day 155) Time: 10 30 CDT
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 14.4 (C)
Epilimnion Temperature: 13.85 (C)
Planar-Thermocline : 3.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 3.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.40	3.00	11.80	5.00	6.95
1.00	13.85	4.00	8.30	6.00	6.60
2.00	12.60				

****

Lake # 304 19 JUN 69 (Day 170) Time: 10 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 2.1 (M)
Inflow Temperature:
Surface Temperature: 15.6 (C)
Epilimnion Temperature: 15.6 (C)
Planar-Thermocline : 3.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.60	3.00	12.70	5.00	7.40
1.00	15.60	4.00	9.50	6.00	7.00
2.00	15.40				

****

Lake # 304 9 OCT 69 (Day 282) Time: 11 00 CDT
Air Temperature: 8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 9.7 (C)
Epilimnion Temperature: 9.28 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: CLEAR
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6 (M)
Change at Planar-Thermo: 0.420 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.70	3.00	9.07	5.00	9.02
1.00	9.28	4.00	9.04	6.00	8.98
2.00	9.09				

****

Lake # 304 3 JUL 69 (Day 184) Time: 09 38 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 18 (C)
Epilimnion Temperature: 17.8 (C)
Planar-Thermocline : 3.5 (M)

Wind: -
Weather Description:
Water Color: ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.00	3.00	14.00	5.00	7.90
1.00	17.80	4.00	10.40	6.00	7.30
2.00	16.70				

****

Lake # 304 21 OCT 69 (Day 294) Time: 09 45 CDT
Air Temperature: -1 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 4.8 (C)
Epilimnion Temperature: 4.8 (C)
Planar-Thermocline : .5 (M)

Wind: 7 - 9 KMPH
Weather Description: WIND VARIES
Water Color: BROWN -ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.2 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.80	3.00	4.80	6.00	4.80
1.00	4.80	4.00	4.80	6.20	4.80
2.00	4.80	5.00	4.80		

****

Lake # 304 13 NOV 69 (Day 317) Time: 09 45 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 3.2 (C)
Epilimnion Temperature: 3.38 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 6 (M)
Change at Planar-Thermo: -.180 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.20	3.00	3.38	5.00	3.45
1.00	3.38	4.00	3.42	6.00	3.45
2.00	3.38				

****

Lake # 304 21 JAN 70 (Day 21) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .25 (C)
Epilimnion Temperature: 1.6 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.25	3.00	3.93	6.00	4.78
1.00	1.60	4.00	3.93	6.25	4.98
2.00	3.05	5.00	4.38		

****

Lake # 304 11 DEC 69 (Day 345) Time: 09 00 CST
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 3.2 (C)
Epilimnion Temperature: 1.22 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.65	3.00	3.16	6.00	4.09
1.00	1.22	4.00	3.48	6.50	4.25
2.00	2.72	5.00	3.72		

****

Lake # 304 24 FEB 70 (Day 55) Time: 16 00 CST
Air Temperature:
Cloud Cover: 4 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .18 (C)
Epilimnion Temperature: .45 (C)
Planar-Thermocline : 1.5 (M)

Wind: 16 - 24 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.18	3.00	3.65	6.00	5.10
1.00	0.45	4.00	4.38	6.50	5.20
2.00	3.10	5.00	4.68		

****

Lake # 304 8 APR 70 (Day 98) Time: 11 30 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .18 (C)
Epilimnion Temperature: 1.42 (C)
Planar-Thermocline : .85 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .85 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.70	0.75	3.00	4.15	6.00	5.15
1.00	1.42	4.00	4.73	6.25	5.32
2.00	3.15	5.00	4.92		

****

Lake # 304 15 JUL 69 (Day 196) Time: 10 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 2.33 (M)
Inflow Temperature:
Surface Temperature: 23.31 (C)
Epilimnion Temperature: 22.98 (C)
Planar-Thermocline : 2.5 (M)
Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 4.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.31	3.00	14.65	5.00	8.02
1.00	22.98	4.00	10.75	6.00	7.53
2.00	19.25				

****

Lake # 304 7 MAY 70 (Day 127) Time: 14 00 CDT
Air Temperature: 21.11 (C)
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 2.02 (C)
Epilimnion Temperature: 4.85 (C)
Planar-Thermocline : .25 (M)
Wind: 0 - 1 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	2.02	2.00	4.15	5.00	4.88
0.50	4.60	3.00	4.43	6.00	5.05
1.00	4.85	4.00	4.68	6.50	5.17

****

Lake # 304 29 JUL 69 (Day 210) Time: 09 30 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 22.7 (C)
Epilimnion Temperature: 22.4 (C)
Planar-Thermocline : 3.5 (M)
Wind: -
Weather Description:
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 5.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	32.70	3.00	17.20	5.00	8.80
1.00	22.40	4.00	12.10	6.00	7.90
2.00	21.70				

****

Lake # 304 15 AUG 69 (Day 227) Time: 10 40 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 19.8 (C)
Planar-Thermocline : 3.5 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: 5.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	3.00	18.80	5.00	9.60
1.00	19.80	4.00	13.30	6.00	8.70
2.00	19.80				

****

Lake # 304 26 AUG 69 (Day 238) Time: 10 37 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 23.76 (C)
Epilimnion Temperature: 23.69 (C)
Planar-Thermocline : 3.5 (M)

Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 5.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.76	2.00	21.81	5.00	9.32
0.50	23.70	3.00	18.68	6.00	8.42
1.00	23.69	4.00	13.60		

****

Lake # 304 8 SEP 69 (Day 251) Time: 09 45 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20 (C)
Planar-Thermocline : 3.5 (M)

Wind: 0 - 2 KMPH
Weather Description: WIND VARIES
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 4.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	3.00	20.00	6.00	10.00
1.00	20.00	4.00	15.30	6.50	9.50
2.00	20.00	5.00	11.30		

****

Lake # 304 23 SEP 69 (Day 266) Time: 09 30 CDT
Air Temperature: 6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 14.6 (C)
Epilimnion Temperature: 15 (C)
Planar-Thermocline : 4.5 (M)

Wind: 4 - 5 KMPH
Weather Description: SNOW
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 3.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.60	3.00	15.00	5.00	11.30
1.00	15.00	4.00	15.00	6.00	9.70
2.00	15.00				

Lake # 304 12 MAY 70 (Day 132) Time: 15 25 CDT
Air Temperature: 2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 4.4 (C)
Epilimnion Temperature: 4.43 (C)
Planar-Thermocline : 4.5 (M)
Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.2 (M)
Change at Planar-Thermo: -.250 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.40	3.00	4.43	6.00	5.08
1.00	4.43	4.00	4.62	6.20	5.08
2.00	4.43	5.00	4.87		

Lake # 304 13 MAY 70 (Day 133) Time: 09 55 CDT
Air Temperature: 4 (C)
Cloud Cover: 5 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 4.19 (C)
Epilimnion Temperature: 4.1 (C)
Planar-Thermocline : 5.5 (M)
Wind: -
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.1 (M)
Change at Planar-Thermo: -.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.19	2.00	4.00	5.00	3.99
0.50	4.15	3.00	3.99	6.00	4.79
1.00	4.10	4.00	3.99	6.10	4.80

Lake # 304 14 MAY 70 (Day 134) Time: 13 50 CDT
Air Temperature: 6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.5 (M)
Inflow Temperature:
Surface Temperature: 6.6 (C)
Epilimnion Temperature: 5.65 (C)
Planar-Thermocline : .75 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): .75 (M)
Change at Planar-Thermo: 1.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.60	2.00	5.45	5.00	5.00
0.50	6.30	3.00	4.70	6.00	5.00
1.00	5.65	4.00	4.60		

Lake # 304 16 MAY 70 (Day 136) Time: 14 20 CDT
Air Temperature: 18.1 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 7.1 (C)
Epilimnion Temperature: 6.95 (C)
Planar-Thermocline : 6.4 (M)
Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.4 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.10	3.00	5.95	6.00	5.82
1.00	6.95	4.00	5.65	6.80	6.94
2.00	6.85	5.00	5.74		

****

Lake # 304 20 MAY 70 (Day 140) Time: 10 15 CDT
Air Temperature: 13.89 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.49 (C)
Epilimnion Temperature: 12.02 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 4.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.49	3.00	5.92	6.00	4.93
1.00	12.02	4.00	5.04	6.20	4.98
2.00	7.70	5.00	4.94		

****

Lake # 304 8 JUN 70 (Day 159) Time: 09 00 CDT
Air Temperature: 21.6 (C) Wind: 8 - 16 KMPH
Cloud Cover: Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22 (C)
Epilimnion Temperature: 21.9 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 8.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	3.00	8.62	6.00	6.19
1.00	21.90	4.00	6.85	6.20	6.15
2.00	13.62	5.00	6.35		

****

Lake # 304 29 JUN 70 (Day 180) Time: 09 20 CDT
Air Temperature: Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 2.4 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.04 (C)
Epilimnion Temperature: 20.85 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 8.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.04	2.50	15.89	4.50	7.44
0.50	21.04	2.75	13.82	5.00	6.92
1.00	20.85	3.00	12.47	5.50	6.76
1.50	19.62	3.25	11.58	6.00	6.51
2.00	18.72	3.50	10.87	6.50	6.43
2.25	17.18	4.00	8.02		

****

Lake # 304 27 JUL 70 (Day 208) Time: 09 00 CDT
Air Temperature: 26 (C) Wind: -
Cloud Cover: Weather Description:
Secchi Visibility: 3 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.8 (C)
Epilimnion Temperature: 22.85 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.75 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.80	3.00	16.00	5.00	7.20
1.00	22.85	3.50	12.60	5.50	6.70
2.00	21.50	4.00	9.80	6.00	6.30
2.50	19.80	4.50	8.20	6.50	6.20

Lake # 304 16 SEP 70 (Day 259) Time: 11 30 CDT
Air Temperature:
Cloud Cover: 2 /10
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 12.67 (C)
Epilimnion Temperature: 12.62 (C)
Planar-Thermocline : 5.125 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 7.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.67	4.00	12.30	5.50	8.98
1.00	12.62	5.00	11.74	6.00	7.83
2.00	12.42	5.25	9.77	6.50	7.28
3.00	12.34				

Lake # 304 14 OCT 70 (Day 287) Time:
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2.5 (M)
Inflow Temperature:
Surface Temperature: 5.11 (C)
Epilimnion Temperature: 5.22 (C)
Planar-Thermocline : 6.1 (M)

Wind: -
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.2 (M)
Change at Planar-Thermo: -.250 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.11	3.00	5.22	6.00	5.20
1.00	5.22	4.00	5.22	6.20	5.25
2.00	5.22	5.00	5.22		

Lake # 304 0 OCT 70 (Day 273) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility: 2.8 (M)
Inflow Temperature:
Surface Temperature: 11.97 (C)
Epilimnion Temperature: 11.87 (C)
Planar-Thermocline : 5.25 (M)

Wind: -
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.25 (M)
Change at Planar-Thermo: 2.620 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.97	3.00	11.74	5.50	9.85
1.00	11.87	4.00	11.59	6.00	8.58
2.00	11.80	5.00	11.16	6.20	8.53

Lake # 304 28 OCT 70 (Day 301) Time:
Air Temperature: 0 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 7.02 (C)
Epilimnion Temperature: 7.15 (C)
Planar-Thermocline : 2.5 (M)

Wind: -
Weather Description: SNOW
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 0.860 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.02	3.00	6.26	6.00	5.43
1.00	7.14	4.00	5.83	6.50	5.45
2.00	7.12	5.00	5.84		

****

Lake # 304 8 DEC 70 (Day 342) Time: 10 00 CST
Air Temperature: 20 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.9 (C)
Epilimnion Temperature: 3.68 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description: SNOWING
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.90	3.00	3.90	5.00	4.21
1.00	3.68	4.00	3.98	6.00	4.56
2.00	3.88				

****

Lake # 304 22 FEB 71 (Day 53) Time:
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .53 (C)
Epilimnion Temperature: 2 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.53	3.00	3.90	6.00	4.78
1.00	2.00	4.00	4.26	6.10	4.78
2.00	3.22	5.00	4.50		

****

Lake # 304 26 APR 71 (Day 116) Time: 15 00 CDT
Air Temperature: 10 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.29 (C)
Epilimnion Temperature: 7.41 (C)
Planar-Thermocline : 1.25 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .75 (M)
Change at Planar-Thermo: 3.660 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.29	1.50	5.58	4.00	4.79
0.50	8.09	2.00	5.31	5.00	4.79
1.00	7.41	3.00	5.21	6.00	4.88

****

Lake # 304 28 APR 71 (Day 118) Time: 19 00 CDT
Air Temperature: 8 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 7.78 (C)
Epilimnion Temperature: 7.12 (C)
Planar-Thermocline : 2.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.2 (M)
Change at Planar-Thermo: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.78	3.00	5.38	6.00	4.82
1.00	7.12	4.00	5.11	6.20	4.81
2.00	6.28	5.00	4.82		

****

Lake # 304 0 MAY 71 (Day 120) Time: 18 00 CDT
Air Temperature: 2.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.2 (M)
Inflow Temperature:
Surface Temperature: 6.31 (C)
Epilimnion Temperature: 6.22 (C)
Planar-Thermocline : 2.5 (M)

Wind: -
Weather Description: RAIN & SNOW
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.4 (M)
Change at Planar-Thermo: 0.650 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.31	3.00	5.44	6.00	4.85
1.00	6.22	4.00	5.11	6.40	4.85
2.00	6.09	5.00	4.85		

****

Lake # 304 2 MAY 71 (Day 122) Time: 18 30 CDT
Air Temperature: 16 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 9.65 (C)
Epilimnion Temperature: 8.54 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: 2.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.65	3.00	5.81	6.00	4.96
1.00	8.54	4.00	5.21	6.50	4.96
2.00	6.44	5.00	5.07		

****

Lake # 304 12 MAY 71 (Day 132) Time: 09 30 CDT
Air Temperature: 8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 11.72 (C)
Epilimnion Temperature: 11.8 (C)
Planar-Thermocline : 2.25 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 6.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.72	2.50	8.05	5.00	6.58
0.50	11.80	3.00	7.41	6.00	6.54
1.00	11.80	4.00	6.81	6.20	6.50
2.00	11.27				

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Lake # 304 19 MAY 71 (Day 139) Time: 09 00 CDT
Air Temperature: 8.3 (C)
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 13.14 (C)
Epilimnion Temperature: 13.35 (C)
Planar-Thermocline : 2.875 (M)

Wind: 2 - 3 KMPH
Weather Description:WIND VARIES
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: 5.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.14	2.50	10.85	3.75	6.94
0.50	13.34	2.75	9.98	4.00	6.72
1.00	13.35	3.00	8.51	5.00	6.31
2.00	12.90	3.25	8.02	6.00	6.11
2.25	12.04	3.50	7.35		

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Lake # 304 26 MAY 71 (Day 146) Time: 09 10 CDT
Air Temperature:
Cloud Cover: 3 /10
Secchi Visibility: 2.3 (M)
Inflow Temperature:
Surface Temperature: 11.48 (C)
Epilimnion Temperature: 11.38 (C)
Planar-Thermocline : 3.5 (M)

Wind: 1 - 2 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.5 (M)
Change at Planar-Thermo: 3.550 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.48	3.00	10.68	6.00	6.43
1.00	11.38	4.00	7.13	6.40	6.42
2.00	11.17	5.00	6.65		

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Lake # 304 2 JUN 71 (Day 153) Time: 09 20 CDT
Air Temperature: 17.4 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 17.45 (C)
Epilimnion Temperature: 17.22 (C)
Planar-Thermocline : 3.125 (M)

Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.75 (M)
Change at Planar-Thermo: 6.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.45	2.50	12.27	3.75	8.54
0.50	17.34	3.00	11.70	4.00	8.04
1.00	17.22	3.25	10.05	5.00	7.82
1.50	16.88	3.50	9.46	6.00	7.09
2.00	13.75				

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Lake # 304 9 JUN 71 (Day 160) Time: 09 15 CDT
Air Temperature: 13.7 (C)
Cloud Cover: 9 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 18.5 (C)
Epilimnion Temperature: 18.53 (C)
Planar-Thermocline : 2.25 (M)

Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 6.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.50	2.50	13.70	5.00	7.49
1.00	18.53	3.00	12.17	6.00	7.22
2.00	16.92	4.00	9.18	6.20	7.07

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Lake # 304 16 JUN 71 (Day 167) Time: 09 20 CDT
Air Temperature: 19.3 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 22.43 (C)
Epilimnion Temperature: 22.34 (C)
Planar-Thermocline : 1.625 (M)

Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.125 (M)
Change at Planar-Thermo: 8.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.43	2.00	17.76	3.50	11.37
0.50	22.50	2.25	16.97	3.75	10.85
1.00	22.34	2.50	16.03	4.00	8.93
1.25	21.56	2.75	14.02	4.25	8.53
1.50	21.08	3.00	12.81	5.00	7.70
1.75	18.97	3.25	11.91	5.90	6.79

Lake # 304 23 JUN 71 (Day 174) Time: 09 13 CDT
Air Temperature: 16.9 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.3 (M)
Inflow Temperature:
Surface Temperature: 21.97 (C)
Epilimnion Temperature: 22.04 (C)
Planar-Thermocline : 2.875 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.875 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.97	2.25	17.98	4.00	9.44
0.50	22.01	2.50	16.89	4.50	8.37
1.00	22.04	2.75	16.24	5.00	7.70
1.25	22.05	3.00	13.61	5.50	7.38
1.50	22.00	3.25	12.89	6.00	7.28
1.75	21.80	3.50	11.36	6.40	7.13
2.00	19.18	3.75	11.19		

Lake # 304 7 JUL 71 (Day 188) Time: 09 15 CDT
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility: 1.5 (M)
Inflow Temperature:
Surface Temperature: 21.57 (C)
Epilimnion Temperature: 21.51 (C)
Planar-Thermocline : 3.375 (M)
Wind: 3 - 6 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature: 21.65 (C)
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.57	2.50	18.99	3.75	11.78
0.50	21.56	2.75	17.74	4.00	11.41
1.00	21.51	3.00	16.76	5.00	8.42
2.00	21.49	3.25	15.82	6.00	7.65
2.25	21.27	3.50	12.82	6.20	7.60

Lake # 304 0 JUL 71 (Day 181) Time: 08 30 CST
Air Temperature: 21.2 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.1 (M)
Inflow Temperature:
Surface Temperature: 22.22 (C)
Epilimnion Temperature: 22.22 (C)
Planar-Thermocline : 3.125 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 22.05 (C)
Epilimnion Depth (1 C/M): 2.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.22	2.75	16.64	4.25	9.09
0.50	22.22	3.00	15.93	4.50	8.55
1.00	22.22	3.25	13.37	4.75	8.10
2.00	21.45	3.50	12.57	5.00	7.91
2.25	19.30	3.75	11.70	6.00	7.48
2.50	18.38	4.00	11.44	6.10	7.48

Lake # 304 14 JUL 71 (Day 195) Time: 09 05 CDT
Air Temperature:
Cloud Cover: 4 /10
Secchi Visibility: 1.1 (M)
Inflow Temperature:
Surface Temperature: 21.49 (C)
Epilimnion Temperature: 21.45 (C)
Planar-Thermocline : 3.375 (M)
Wind: 1 - 2 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 22.49 (C)
Epilimnion Depth (1 C/M): 2.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.49	3.00	17.18	4.50	10.88
0.50	21.49	3.25	16.22	5.00	8.32
1.00	21.45	3.50	13.42	5.50	8.00
2.00	21.35	3.75	12.52	6.00	7.82
2.50	20.98	4.00	11.58	6.20	7.74
2.75	18.28				

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Lake # 304 21 JUL 71 (Day 202) Time: 09 10 CDT
Air Temperature:
Cloud Cover: 9 /10
Secchi Visibility: 1.1 (M)
Inflow Temperature:
Surface Temperature: 21.93 (C)
Epilimnion Temperature: 21.96 (C)
Planar-Thermocline : 3.375 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 8.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.93	2.75	18.64	4.00	11.66
0.50	21.95	3.00	17.26	5.00	8.60
1.00	21.96	3.25	16.37	6.00	7.93
2.00	21.62	3.50	14.20	6.40	7.76
2.50	19.91	3.75	12.95		

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Lake # 304 4 AUG 71 (Day 216) Time: 09 30 CDT
Air Temperature: 18.9 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.1 (M)
Inflow Temperature:
Surface Temperature: 17.97 (C)
Epilimnion Temperature: 17.85 (C)
Planar-Thermocline : 4.625 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 8.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.97	3.25	16.21	4.50	10.90
0.25	17.95	3.50	15.11	4.75	8.85
1.00	17.85	3.75	13.29	5.00	8.49
2.00	17.27	4.00	12.92	6.00	7.87
3.00	16.72	4.25	11.51	6.10	7.91

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Lake # 304 28 JUL 71 (Day 209) Time: 09 00 CDT
Air Temperature:
Cloud Cover: 7 /10
Secchi Visibility: 1 (M)
Inflow Temperature:
Surface Temperature: 17.72 (C)
Epilimnion Temperature: 17.8 (C)
Planar-Thermocline : 3.375 (M)
Wind: 3 - 6 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.72	3.50	14.39	4.75	8.81
0.50	17.80	3.75	13.20	5.00	8.32
1.00	17.80	4.00	11.87	5.50	7.93
2.00	17.78	4.25	10.62	6.00	7.75
3.00	17.55	4.50	9.58	6.25	7.60
3.25	16.39				

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Lake # 304 11 AUG 71 (Day 223) Time: 09 20 CDT
Air Temperature:
Cloud Cover: 5 /10
Secchi Visibility: .9 (M)
Inflow Temperature:
Surface Temperature: 21.41 (C)
Epilimnion Temperature: 21.4 (C)
Planar-Thermocline : 3.125 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 8.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.41	2.50	17.73	4.00	12.66
0.50	21.40	2.75	16.92	4.50	10.79
1.00	21.40	3.00	16.57	5.00	9.37
2.00	18.94	3.25	14.48	6.00	8.37
2.25	18.32	3.50	13.60		

Lake # 304 18 AUG 71 (Day 230) Time: 09 00 CDT
Air Temperature: 24 (C) Wind: 0 - 2 KMPH
Cloud Cover: 1 /10 Weather Description: WIND VARIES
Secchi Visibility: 1.25 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.98 (C)
Epilimnion Temperature: 21.75 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 5.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.98	2.75	17.59	4.75	9.88
0.50	21.95	3.00	16.85	5.00	9.38
1.00	21.75	3.25	16.07	5.25	8.86
1.50	20.85	3.50	14.82	5.50	8.60
1.75	19.99	3.75	13.63	5.75	8.51
2.00	19.72	4.00	12.80	6.00	8.36
2.25	19.29	4.25	11.76	6.25	8.23
2.50	18.65	4.50	11.13	6.50	8.24

Lake # 304 25 AUG 71 (Day 237) Time: 09 00 CDT
Air Temperature: 16.2 (C) Wind: 3 - 6 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: .7 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.15 (C)
Epilimnion Temperature: 19.2 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.15	3.25	15.55	4.50	10.61
0.50	19.19	3.50	14.65	5.00	9.12
1.00	19.20	3.75	13.68	6.00	8.42
2.00	19.10	4.00	12.40	6.10	8.42
3.00	17.35				

Lake # 304 1 SEP 71 (Day 244) Time: 09 45 CDT
Air Temperature: 18.4 (C) Wind: 2 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 19.23 (C)
Surface Temperature: 19.36 (C)
Epilimnion Temperature: 19.35 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 5.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.36	2.75	17.70	4.00	12.82
0.50	19.36	3.00	16.96	4.50	11.54
1.00	19.35	3.25	16.15	5.00	9.34
2.00	19.37	3.50	14.68	6.00	8.65
2.50	18.42	3.75	13.61	6.10	8.65

Lake # 304 8 SEP 71 (Day 251) Time: 09 00 CDT
Air Temperature: Wind: 2 - 3 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.79 (C)
Epilimnion Temperature: 20.72 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 9.360 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.79	3.00	17.40	4.50	11.65
0.50	20.76	3.25	16.58	5.00	9.72
1.00	20.72	3.50	15.95	6.00	8.99
2.00	20.06	3.75	13.61	6.10	8.85
2.50	18.27	4.00	12.75		

Lake # 304 15 SEP 71 (Day 258) Time: 09 40 CDT
Air Temperature: 9.6 (C) Wind: 2 - 3 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.17 (C)
Epilimnion Temperature: 17.24 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 8.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.17	3.00	17.19	4.50	11.50
0.50	17.24	3.25	16.74	4.75	11.04
1.00	17.24	3.50	15.98	5.00	9.90
2.00	17.22	3.75	13.84	5.50	9.09
2.25	17.21	4.00	12.82	6.00	8.90
2.50	17.21	4.25	12.13	6.10	8.90
2.75	17.20				

Lake # 304 22 SEP 71 (Day 265) Time: 09 10 CDT
Air Temperature: 8.19 (C) Wind: -
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13 (C)
Epilimnion Temperature: 13 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 4.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.00	3.00	13.00	4.75	11.27
0.50	13.00	4.00	12.91	5.00	10.85
1.00	13.00	4.50	12.30	6.00	9.27
2.00	13.00				

Lake # 304 29 SEP 71 (Day 272) Time: 09 30 CDT
Air Temperature: 12 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 11.88 (C)
Surface Temperature: 12.63 (C)
Epilimnion Temperature: 12.51 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 4.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.63	3.00	12.40	5.50	9.39
0.50	12.55	4.00	12.20	5.75	9.08
1.00	12.51	5.00	11.04	6.00	9.08
2.00	12.44	5.25	9.97	6.25	9.08

Lake # 304 6 OCT 71 (Day 279) Time: 09 05 CDT
Air Temperature: 7.5 (C) Wind: 2 - 3 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 1.3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.9 (C)
Epilimnion Temperature: 12.02 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 4.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.90	3.00	12.05	5.50	9.94
0.50	11.98	4.00	12.05	5.75	9.71
1.00	12.02	5.00	11.27	6.00	9.54
2.00	12.05	5.25	10.10	6.40	9.25

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Lake # 304 13 OCT 71 (Day 286) Time: 09 55 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 1.4 (M)
Inflow Temperature:
Surface Temperature: 9.33 (C)
Epilimnion Temperature: 9.33 (C)
Planar-Thermocline : 2.5 (M)
Wind: -
Weather Description:
Water Color: YELLOW
Outflow Temperature: 9.25 (C)
Epilimnion Depth (1 C/M): 6.1 (M)
Change at Planar-Thermo: 0.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.33	2.00	9.30	5.00	9.20
0.50	9.33	3.00	9.25	6.00	9.20
1.00	9.33	4.00	9.25	6.10	9.20

Lake # 304 27 OCT 71 (Day 300) Time: 10 20 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 1.4 (M)
Inflow Temperature:
Surface Temperature: 9.15 (C)
Epilimnion Temperature: 9.14 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 9.25 (C)
Epilimnion Depth (1 C/M): 6 (M)
Change at Planar-Thermo: 0.350 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.15	2.00	8.79	5.00	8.25
0.50	9.14	3.00	8.46	6.00	8.24
1.00	9.14	4.00	8.33		

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Lake # 304 20 OCT 71 (Day 293) Time: 08 50 CDT
Air Temperature:
Cloud Cover: 1 /10
Secchi Visibility: 1.4 (M)
Inflow Temperature:
Surface Temperature: 8.33 (C)
Epilimnion Temperature: 8.39 (C)
Planar-Thermocline : 4.5 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 8.58 (C)
Epilimnion Depth (1 C/M): 6 (M)
Change at Planar-Thermo: 0.250 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.33	2.00	8.39	5.00	8.08
0.25	8.37	3.00	8.39	6.00	8.08
1.00	8.39	4.00	8.33		

Lake # 304 9 NOV 71 (Day 313) Time: 10 00 CST
Air Temperature: -5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 9.15 (C)
Epilimnion Temperature: 1.97 (C)
Planar-Thermocline : 5.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.3 (M)
Change at Planar-Thermo: -.550 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.50	1.90	3.00	2.32	6.00	3.39
1.00	1.97	4.00	2.50	6.30	3.48
2.00	2.03	5.00	2.84		

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Lake # 304 15 DEC 71 (Day 349) Time: 14 00 CST
Air Temperature: -15 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.15 (C)
Epilimnion Temperature: 2.1 (C)
Planar-Thermocline : .375 (M)

Wind: 8 - 16 KMPH
Weather Description: SNOWING
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .375 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.62	2.00	3.05	5.00	4.12
0.50	1.19	3.00	3.66	6.00	4.54
1.00	2.10	4.00	3.94	6.10	4.56

Lake # 304 15 FEB 72 (Day 46) Time: 15 30 CST
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .32 (C)
Epilimnion Temperature: 1.3 (C)
Planar-Thermocline : 1.5 (M)

Wind: 5 - 8 KMPH
Weather Description: SNOWING
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .75 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.32	2.00	3.25	5.00	4.88
0.50	0.61	3.00	3.88	6.00	4.99
1.00	1.30	4.00	4.32	6.25	5.05

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Lake # 304 19 JAN 72 (Day 19) Time: 14 00 CST
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .84 (C)
Epilimnion Temperature: 2.8 (C)
Planar-Thermocline : .375 (M)

Wind: 16 - 24 KMPH
Weather Description: CLEAR,SUNNY
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .125 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.84	1.00	2.80	4.00	4.50
0.25	1.25	2.00	3.37	5.00	4.85
0.50	1.90	3.00	3.93	6.00	4.87

Lake # 304 6 APR 72 (Day 96) Time: 14 30 CST
Air Temperature: -3.8 (C)
Cloud Cover: 2 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .29 (C)
Epilimnion Temperature: .75 (C)
Planar-Thermocline : 1.5 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.29	3.00	4.22	6.00	5.10
1.00	0.75	4.00	4.69	6.20	5.12
2.00	3.12	5.00	4.82		

Lake # 304 4 MAY 72 (Day 124) Time: 09 40 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 8.31 (C)
Epilimnion Temperature: 8.01 (C)
Planar-Thermocline : 1.5 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature: 6.5 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 1.930 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.31	3.00	5.11	6.00	4.89
1.00	8.01	4.00	4.81	6.30	4.94
2.00	6.08	5.00	4.85		

Lake # 304 18 MAY 72 (Day 138) Time: 09 05 CDT
Air Temperature: 18.3 (C)
Cloud Cover: 8 /10
Secchi Visibility: 2.6 (M)
Inflow Temperature:
Surface Temperature: 18.25 (C)
Epilimnion Temperature: 16.21 (C)
Planar-Thermocline : 2.25 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 18.63 (C)
Epilimnion Depth (1 C/M): .625 (M)
Change at Planar-Thermo: 5.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.25	1.25	14.81	3.00	7.08
0.50	18.20	1.50	13.50	4.00	6.00
0.75	17.23	2.00	11.32	5.00	5.35
1.00	16.21	2.50	8.50	6.00	5.20

Lake # 304 1 JUN 72 (Day 152) Time: 09 10 CDT
Air Temperature: 15.5 (C)
Cloud Cover: 2 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 18.23 (C)
Epilimnion Temperature: 18.17 (C)
Planar-Thermocline : 2.125 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature: 20.51 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 9.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.23	2.50	12.76	4.00	6.08
0.50	18.23	2.75	10.69	5.00	5.81
1.00	18.17	3.00	9.37	6.00	5.56
2.00	16.83	3.50	8.02	6.30	5.61
2.25	14.38				

Lake # 304 7 JUN 72 (Day 158) Time: 10 45 CDT
Air Temperature: 23.5 (C)
Cloud Cover: 1 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 21.47 (C)
Epilimnion Temperature: 21.42 (C)
Planar-Thermocline : 2.375 (M)
Wind: 3 - 8 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.47	2.00	19.26	3.50	8.25
1.00	21.42	2.25	17.23	4.00	7.33
1.25	21.32	2.50	14.57	5.00	6.01
1.50	21.27	2.75	12.74	6.00	5.61
1.75	20.71	3.00	11.06		

Lake # 304 8 JUN 72 (Day 159) Time: 11 00 CDT
Air Temperature: 26.6 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.2 (M)
Inflow Temperature:
Surface Temperature: 22.84 (C)
Epilimnion Temperature: 22.18 (C)
Planar-Thermocline : 2.375 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.625 (M)
Change at Planar-Therm: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.84	2.25	17.64	3.75	7.64
0.50	22.49	2.50	14.77	4.00	7.13
1.00	22.18	2.75	12.94	4.50	6.47
1.50	21.98	3.00	10.91	5.00	6.22
1.75	21.06	3.25	9.62	5.50	5.76
2.00	19.97	3.50	8.76	6.00	5.71

Lake # 304 29 JUN 72 (Day 180) Time: 09 30 CDT
Air Temperature: 18.7 (C)
Cloud Cover: 8 /10
Secchi Visibility: 2.9 (M)
Inflow Temperature:
Surface Temperature: 23.07 (C)
Epilimnion Temperature: 22.94 (C)
Planar-Thermocline : 3.125 (M)
Wind: -
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 22.84 (C)
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Therm: 9.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.07	2.75	17.23	4.00	9.16
0.50	23.00	3.00	15.91	4.50	7.33
1.00	22.94	3.25	13.65	5.00	6.52
2.00	20.40	3.50	12.23	6.00	6.22
2.25	18.96	3.75	10.40	6.30	6.22
2.50	17.99				

Lake # 304 15 JUN 72 (Day 166) Time: 09 15 CDT
Air Temperature: 12.7 (C)
Cloud Cover: 4 /10
Secchi Visibility: 2 (M)
Inflow Temperature:
Surface Temperature: 18.71 (C)
Epilimnion Temperature: 18.63 (C)
Planar-Thermocline : 2.875 (M)
Wind: 16 - 32 KMPH
Weather Description: NO OUTFLOW
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Therm: 8.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.71	2.50	16.98	3.75	8.98
0.50	18.71	2.75	15.08	4.00	7.74
1.00	18.63	3.00	12.84	5.00	6.03
2.00	18.48	3.25	10.89	6.00	5.83
2.25	18.33	3.50	9.47	6.25	5.81

Lake # 304 6 JUL 72 (Day 187) Time: 10 00 CDT
Air Temperature: 21.1 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.3 (M)
Inflow Temperature:
Surface Temperature: 21.57 (C)
Epilimnion Temperature: 20.9 (C)
Planar-Thermocline : 2.875 (M)
Wind: 0 - 2 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Therm: 9.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.57	2.75	18.44	4.25	8.15
0.50	20.81	3.00	16.31	4.50	7.71
1.00	20.90	3.25	14.51	5.00	6.69
2.00	20.90	3.50	13.09	6.00	6.31
2.25	19.80	3.75	11.38	6.10	6.28
2.50	19.44	4.00	9.33		

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Lake # 304 13 JUL 72 (Day 194) Time: 09 45 CDT
Air Temperature: 18.3[illegible] (C) Wind: 2 - 5 KMPH
Cloud Cover: 6 /10 Weather Description:
Secchi Visibility: 2.3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 22.75 (C)
Surface Temperature: 22.54 (C)
Epilimnion Temperature: 22.45 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 9.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.54	2.75	19.16	4.00	11.85
0.50	22.54	3.00	17.89	5.00	7.94
1.00	22.43	3.25	16.21	6.00	7.15
2.00	21.93	3.50	15.20	6.50	6.93
2.50	20.39	3.75	12.89		

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Lake # 304 27 JUL 72 (Day 208) Time: 09 15 CDT
Air Temperature: 15.5[illegible] (C) Wind: 2 - 3 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature: 20.1 (C)
Surface Temperature: 20.3 (C)
Epilimnion Temperature: 20.16 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 7.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.30	3.25	16.73	4.50	9.55
0.50	20.23	3.50	15.42	5.00	8.47
1.00	20.16	3.75	13.60	6.00	7.62
2.00	20.07	4.00	12.49	6.20	7.59
3.00	18.44				

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Lake # 304 10 AUG 72 (Day 222) Time: 09 20 CDT
Air Temperature: 15.5[illegible] (C) Wind: 2 - 3 KMPH
Cloud Cover: 3 /10 Weather Description: WIND VARIES
Secchi Visibility: 3 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.54 (C)
Epilimnion Temperature: 18.41 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 6.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.54	3.25	17.22	4.50	10.39
0.50	18.44	3.50	15.87	4.75	9.49
1.00	18.41	3.75	14.15	5.00	8.77
2.00	18.33	4.00	12.64	6.00	8.19
3.00	18.08	4.25	11.23	6.10	8.19

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Lake # 304 16 AUG 72 (Day 228) Time: 06 30 CDT
Air Temperature: Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.1 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.74 (C)
Epilimnion Temperature: 19.75 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 9.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.74	3.25	17.09	4.50	11.28
0.50	19.75	3.50	16.23	5.00	8.69
1.00	19.75	3.75	13.75	6.00	7.99
2.00	19.72	4.00	12.93	6.30	7.91
3.00	17.85				

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Lake # 304 24 AUG 72 (Day 236) Time: 10 00 CDT
Air Temperature: 23 (C) Wind: - Weather Description: NO OUTFLOW
Cloud Cover: 0 /10 Secchi Visibility: 1.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.83 (C)
Epilimnion Temperature: 20.48 (C) Epilimnion Depth (1 C/M): .25 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.83	3.25	16.95	4.50	11.98
0.50	22.08	3.50	16.13	5.00	10.33
1.00	20.48	3.75	14.63	6.00	9.07
2.00	19.96	4.00	13.63	6.50	9.07
3.00	18.28				

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Lake # 304 7 SEP 72 (Day 250) Time: 08 45 CDT
Air Temperature: 7.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.3 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.11 (C)
Epilimnion Temperature: 17.12 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 4.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.11	3.00	17.10	4.50	11.81
0.50	17.11	3.50	15.78	5.00	10.55
1.00	17.12	3.75	14.54	6.00	9.16
2.00	17.13	4.00	13.83	6.30	9.09

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Lake # 304 14 SEP 72 (Day 257) Time: 10 00 CDT
Air Temperature: 15.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.22 (C)
Epilimnion Temperature: 16.23 (C) Epilimnion Depth (1 C/M): 3.75 (M)
Planar-Thermocline : 4.25 (M) Change at Planar-Thermo: 3.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.22	3.00	15.41	5.00	11.61
0.50	16.23	3.50	14.94	6.00	9.42
1.00	16.23	4.00	14.03	6.30	9.16
2.00	15.79	4.50	12.28		

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Lake # 304 21 SEP 72 (Day 264) Time: 08 00 CDT
Air Temperature: 21.1 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: RAINING
Secchi Visibility: 1.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 16.23 (C)
Surface Temperature: 15.58 (C)
Epilimnion Temperature: 14.86 (C) Epilimnion Depth (1 C/M): .75 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 4.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.58	4.00	13.23	5.00	10.97
0.50	15.43	4.25	12.91	5.25	9.75
1.00	14.86	4.50	12.59	5.50	9.43
2.00	14.53	4.75	11.93	6.00	9.31
3.00	14.16				

Lake # 304 28 SEP 72 (Day 271) Time: 14 00 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility: 1.3 (M)
Inflow Temperature:
Surface Temperature: 10.72 (C)
Epilimnion Temperature: 10.72 (C)
Planar-Thermocline : 4.5 (M)
Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.25 (M)
Change at Planar-Therm: 0.140 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.72	2.00	10.72	5.00	10.58
0.50	10.72	3.00	10.72	6.00	10.54
1.00	10.72	4.00	10.72	6.25	10.51

Lake # 304 19 OCT 72 (Day 292) Time: 09 30 CDT
Air Temperature: -9.4 (C)
Cloud Cover: 1 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 3.89 (C)
Epilimnion Temperature: 3.95 (C)
Planar-Thermocline : .5 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6 (M)
Change at Planar-Therm: -.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	3.89	3.00	3.90	5.00	3.88
1.00	3.95	4.00	3.89	6.00	3.88
2.00	3.92				

Lake # 304 5 OCT 72 (Day 278) Time: 09 00 CDT
Air Temperature: 10.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 1.6 (M)
Inflow Temperature:
Surface Temperature: 9.88 (C)
Epilimnion Temperature. 9.63 (C)
Planar-Thermocline : 1.5 (M)
Wind: 0 - 2 KMPH
Weather Description:
Water Color: ORANGE
Outflow Temperature: 10.5 (C)
Epilimnion Depth (1 C/M): 6.2 (M)
Change at Planar-Therm: 0.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.68	2.00	9.15	5.00	8.63
0.50	9.83	3.00	8.79	6.00	8.58
1.00	9.63	4.00	8.63	6.20	8.54

Lake # 304 15 NOV 72 (Day 319) Time: 10 15 CST
Air Temperature: -10 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.48 (C)
Epilimnion Temperature: 3.02 (C)
Planar-Thermocline : .25 (M)
Wind: -
Weather Description: LIGHT SNOW
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.48	2.00	3.87	5.00	4.08
0.50	2.64	3.00	4.03	6.00	4.12
1.00	3.02	4.00	4.05	6.30	4.21

Lake # 304 13 DEC 72 (Day 347) Time: 09 30 CST
Air Temperature: -15 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .57 (C)
Epilimnion Temperature: 2.48 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.57	3.00	3.82	6.00	4.42
1.00	2.48	4.00	4.07	6.10	4.42
2.00	3.47	5.00	4.13		

Lake # 304 20 FEB 73 (Day 51) Time: 10 00 CST
Air Temperature:
Cloud Cover: 6 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .4 (C)
Epilimnion Temperature: 1.4 (C)
Planar-Thermocline : 1.5 (M)
Wind: -
Weather Description: LIGHT SNOW
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.40	3.00	3.98	6.00	4.80
1.00	1.40	4.00	4.27	6.10	4.95
2.00	3.38	5.00	4.60		

Lake # 304 22 JAN 73 (Day 22) Time: 15 30 CST
Air Temperature: -6.6 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .35 (C)
Epilimnion Temperature: 2.05 (C)
Planar-Thermocline : .5 (M)
Wind: 24 - 48 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.35	3.00	3.66	6.00	4.30
1.00	2.05	4.00	3.81	6.20	4.35
2.00	3.18	5.00	4.05		

Lake # 304 20 MAR 73 (Day 79) Time: 10 00 CST
Air Temperature: 7.2 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .25 (C)
Epilimnion Temperature: 1.49 (C)
Planar-Thermocline : .875 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .875 (M)
Change at Planar-Therm: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.25	2.00	3.55	5.00	4.82
0.75	0.45	3.00	4.40	6.00	4.95
1.00	1.49	4.00	4.55	6.50	5.00

****

Lake # 304 12 APR 73 (Day 102) Time: 14 00 CST
Air Temperature: 7.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .25 (C)
Epilimnion Temperature: 3.9 (C) Epilimnion Depth (1 C/M): .3 (M)
Planar-Thermocline : .75 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	1.10	2.00	4.00	5.00	4.70
0.50	1.80	3.00	4.40	6.00	4.90
1.00	3.90	4.00	4.70	6.40	5.00

****

Lake # 304 0 MAY 73 (Day 120) Time: 10 45 CDT
Air Temperature: 7.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 1.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 8.95 (C)
Surface Temperature: 7.35 (C)
Epilimnion Temperature: 6.9 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 1.25 (M) Change at Planar-Thermo: 1.700 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.35	2.00	5.75	5.00	4.75
0.50	7.10	3.00	5.06	6.00	4.75
1.00	6.90	4.00	4.80	6.25	4.83
1.50	6.05				

****

Lake # 304 16 MAY 73 (Day 136) Time: 09 00 CDT
Air Temperature: -1.1 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature: 9.31 (C)
Surface Temperature: 10.65 (C)
Epilimnion Temperature: 10.66 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.25 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.65	3.00	7.13	5.00	5.59
1.00	10.66	3.50	6.27	6.00	5.17
2.00	10.63	4.00	5.71	6.25	5.15
2.50	8.23				

****

Lake # 304 30 MAY 73 (Day 150) Time: 09 15 CDT
Air Temperature: 15.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 17.6 (C)
Surface Temperature: 17.9 (C)
Epilimnion Temperature: 17.6 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 7.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.90	2.00	15.25	4.00	7.25
0.50	17.85	2.25	13.70	5.00	6.10
1.00	17.60	2.50	12.70	6.00	5.80
1.50	16.95	2.75	10.78	6.50	5.72
1.75	14.11	3.00	9.82		

Lake # 304 13 JUN 73 (Day 164) Time: 09 15 CDT
Air Temperature: 15.5 4 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.4 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.62 (C)
Epilimnion Temperature: 17.5 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 8.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.62	2.75	15.10	4.00	8.60
0.50	17.60	3.00	13.62	5.00	7.08
1.00	17.50	3.25	11.60	6.00	6.22
2.00	17.45	3.50	10.50	6.25	6.20
2.50	16.70	3.75	9.31		

Lake # 304 11 JUL 73 (Day 192) Time: 09 00 CDT
Air Temperature: 21.1 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature: 23.58 (C)
Surface Temperature: 23 (C)
Epilimnion Temperature: 22.72 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.00	2.75	19.08	4.00	11.25
1.00	22.72	3.00	17.42	4.50	9.30
2.00	21.84	3.25	15.75	5.00	8.58
2.25	20.72	3.50	13.80	6.00	7.78
2.50	19.90	3.75	12.38	6.50	7.78

Lake # 304 27 JUN 73 (Day 178) Time: 09 15 CDT
Air Temperature: 10 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description: LIGHT RAIN
Secchi Visibility: 1.9 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 19.05 (C)
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20.18 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	2.50	17.14	3.75	10.63
0.50	20.18	2.75	16.12	4.00	9.65
1.00	20.18	3.00	14.88	5.00	7.22
2.00	18.73	3.25	13.56	6.00	6.75
2.25	18.09	3.50	11.58	6.25	6.71

Lake # 304 25 JUL 73 (Day 206) Time: 09 00 CDT
Air Temperature: 20 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: RAINING
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 19.62 (C)
Surface Temperature: 21.28 (C)
Epilimnion Temperature: 21.28 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.28	3.25	17.31	4.50	10.62
1.00	21.28	3.50	15.35	5.00	8.60
2.00	21.28	3.75	13.78	6.00	8.00
2.50	20.20	4.00	12.51	6.40	7.90
3.00	18.75				

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Lake # 304 8 AUG 73 (Day 220) Time: 09 00 CDT
Air Temperature: 23 (C) Wind: 0 - 3 KMPH
Cloud Cover: 5 /10 Weather Description: WIND VARIES
Secchi Visibility: 2.5 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 22.55 (C)
Surface Temperature: 22.52 (C)
Epilimnion Temperature: 22.5 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.52	3.25	18.05	4.50	11.90
1.00	22.50	3.50	16.10	5.00	9.81
2.00	21.35	3.75	15.58	6.00	9.06
2.50	19.90	4.00	14.20	6.10	8.90
3.00	18.68				

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Lake # 304 22 AUG 73 (Day 234) Time: 09 00 CDT
Air Temperature: 21 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 20.65 (C)
Surface Temperature: 21.53 (C)
Epilimnion Temperature: 21.57 (C) Epilimnion Depth (1 C/M): 2.625 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 6.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.53	3.00	19.32	4.25	13.01
1.00	21.57	3.25	18.20	4.50	11.90
2.00	21.54	3.50	16.68	4.75	10.92
2.50	21.26	3.75	15.52	5.00	10.24
2.75	20.43	4.00	14.25	5.75	8.93

****

Lake # 304 5 SEP 73 (Day 248) Time: 09 00 CDT
Air Temperature: 15 (C) Wind: 16 - 24 KMPH
Cloud Cover: 4 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 18.2 (C)
Surface Temperature: 19.29 (C)
Epilimnion Temperature: 19.27 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 6.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.29	4.00	15.68	5.25	10.23
1.00	19.27	4.25	14.24	5.50	9.69
2.00	19.28	4.50	13.10	5.75	9.24
3.00	19.11	4.75	11.89	6.00	9.00
3.50	18.74	5.00	10.77	6.50	8.78
3.75	17.28				

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Lake # 304 12 SEP 73 (Day 255) Time: 09 00 CDT
Air Temperature: 7.2 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 15 (C)
Surface Temperature: 17.5 (C)
Epilimnion Temperature: 17.5 (C) Epilimnion Depth (1 C/M): 3.5 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.50	4.00	15.80	5.00	11.30
1.00	17.50	4.25	14.40	6.00	9.10
2.00	17.50	4.50	12.40	6.20	8.60
3.00	17.50				

****

Lake # 304 19 SEP 73 (Day 262) Time: 09 15 CDT
Air Temperature: 8 (C) Wind: 2 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 9 (C)
Surface Temperature: 13.21 (C)
Epilimnion Temperature: 13.34 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.21	4.00	13.16	5.50	9.80
1.00	13.34	5.00	12.37	5.75	9.36
2.00	13.33	5.25	10.68	6.00	9.08
3.00	13.27				

****

Lake # 304 26 SEP 73 (Day 269) Time: 09 15 CDT
Air Temperature: 11.1 ; (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 11 (C)
Surface Temperature: 11.3 (C)
Epilimnion Temperature: 11.3 (C) Epilimnion Depth (1 C/M): 6.1 (M)
Planar-Thermocline : 6.1 (M) Change at Planar-Thermo: 5.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.30	4.00	11.30	6.00	10.60
2.00	11.30	5.00	10.60	6.20	9.60

****

Lake # 304 3 OCT 73 (Day 276) Time: 09 10 CDT
Air Temperature: 10 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description: RAINING
Secchi Visibility: 2.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 14.5 (C)
Surface Temperature: 14.57 (C)
Epilimnion Temperature: 14.57 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 1.375 (M) Change at Planar-Thermo: 3.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.57	1.75	13.07	4.00	11.40
1.00	14.57	2.00	12.70	5.00	10.89
1.25	14.32	3.00	11.89	5.90	10.75
1.50	13.43				

****

Lake # 304 17 OCT 73 (Day 290) Time: 09 25 CDT
Air Temperature: 3 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.75 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: [illegible] (C)
Surface Temperature: 6.6 (C)
Epilimnion Temperature: 6.6 (C) Epilimnion Depth (1 C/M): 6 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: 0.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.60	3.00	6.60	5.00	6.60
1.00	6.60	4.00	6.60	6.00	6.40
2.00	6.60				

****

Lake # 304 0 NOV 73 (Day 304) Time: 09 00 CST
Air Temperature: 4.4 (C)
Cloud Cover: 10 /10
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 5 (C)
Epilimnion Temperature: 5 (C)
Planar-Thermocline : .5 (M)

Wind: 3 - 8 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature: 5.4 (C)

Epilimnion Depth (1 C/M): 6 (M)
Change at Planar-Thermo: 0.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.00	3.00	5.00	5.00	5.00
1.00	5.00	4.00	5.00	6.00	5.00
2.00	5.00				

****

Lake # 304 23 JAN 74 (Day 23) Time: 10 30 CST
Air Temperature: -17.78 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .34 (C)
Epilimnion Temperature: 1.57 (C)
Planar-Thermocline : 1.5 (M)

Wind: 0 - -1 KMPH
Weather Description: LIGHT SNOW
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .75 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0 00	0.34	2.00	3.98	5.00	4.98
0.50	0.72	3.00	4.28	6.00	5.52
1.00	1.57	4.00	4.72	6.25	5.48

****

Lake # 304 17 DEC 73 (Day 351) Time: 16 00 CST
Air Temperature: -17.78 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .65 (C)
Epilimnion Temperature: 2.62 (C)
Planar-Thermocline : .75 (M)

Wind: 0 - -1 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.65	2.00	3.78	5.00	4.98
0.50	1.20	3.00	4.18	5.90	4.78
1.00	2.62	4.00	4.45		

****

Lake # 304 25 FEB 74 (Day 56) Time: 10 00 CST
Air Temperature: -15 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .4 (C)
Epilimnion Temperature: .7 (C)
Planar-Thermocline : 1.5 (M)

Wind: 0 - -1 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.40	3.00	3.75	6.00	4.95
1.00	0.70	4.00	4.12	6.25	5.00
2.00	3.00	5.00	4.45		

****

Lake # 304 1 APR 74 (Day 91) Time: 09 30 CST
Air Temperature: -18.3 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: .4 (C)
Epilimnion Temperature: 1.22 (C) Epilimnion Depth (1 C/M): .75 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.10	0.35	2.00	3.42	5.00	4.90
0.50	0.54	3.00	4.30	6.00	5.02
1.00	1.22	4.00	4.66		

****

Lake # 304 6 MAY 74 (Day 126) Time: 09 10 CST
Air Temperature: 7.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description: ICE OFF
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5 (C)
Epilimnion Temperature: 4.9 (C) Epilimnion Depth (1 C/M): 6.3 (M)
Planar-Thermocline : 5.5 (M) Change at Planar-Thermo: -.340 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.00	2.00	4.80	5.00	5.05
0.50	4.92	3.00	4.85	6.00	5.39
1.00	4.90	4.00	4.92	6.30	5.48

****

Lake # 304 12 JUN 74 (Day 163) Time: 08 45 CDT
Air Temperature: 12.7 (C) Wind: 8 - 16 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 15.98 (C)
Surface Temperature: 16.45 (C)
Epilimnion Temperature: 16.4 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 9.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.45	2.75	11.55	4.00	7.50
1.00	16.40	3.00	10.25	5.00	6.68
2.00	16.20	3.25	8.88	6.00	6.30
2.25	15.75	3.50	8.65	6.25	6.20
2.50	13.40	3.75	7.70		

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Lake # 304 10 JUL 74 (Day 191) Time: 08 15 CDT
Air Temperature: 21.1 (C) Wind: 3 - 8 KMPH
Cloud Cover: 1 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.4 (M) Water Color: BROWN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 24.5 (C)
Epilimnion Temperature: 24.5 (C) Epilimnion Depth (1 C/M): 1.75 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 8.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.50	2.50	20.01	3.75	11.42
1.00	24.50	2.75	17.80	4.00	10.55
1.50	24.45	3.00	15.72	5.00	8.95
2.00	22.80	3.25	14.28	6.00	7.65
2.25	21.10	3.50	12.61		

Lake # 304 7 AUG 74 (Day 219) Time: 09 15 CDT
Air Temperature: 21.1 (C) Wind: 0 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.7 (C)
Epilimnion Temperature: 21.6 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 9.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.70	3.50	18.31	4.50	11.50
1.00	21.60	3.75	15.90	4.75	9.90
2.00	20.45	4.00	14.12	5.00	9.28
2.25	20.08	4.25	12.82	6.00	8.40
3.00	19.70				

Lake # 304 4 SEP 74 (Day 247) Time: 10 45 CDT
Air Temperature: 15.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.51 (C)
Epilimnion Temperature: 14.4 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.51	4.00	14.00	5.50	10.30
1.00	14.40	4.75	13.50	5.75	9.20
2.00	14.25	5.00	13.10	6.00	8.70
3.00	14.15	5.25	11.60	6.25	8.60

Lake # 304 2 OCT 74 (Day 275) Time: 14 15 CDT
Air Temperature: 7.2 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.75 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 8.98 (C)
Surface Temperature: 8.44 (C)
Epilimnion Temperature: 8.44 (C) Epilimnion Depth (1 C/M): 6 (M)
Planar-Thermocline : 2.5 (M) Change at Planar-Thermo: 0.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.44	3.00	8.00	5.00	7.80
1.00	8.44	4.00	7.85	6.00	7.80
2.00	8.40				

Lake # 304 30 OCT 74 (Day 303) Time: 09 15 CST
Air Temperature: 13.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.5 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature: 6.5 (C)
Surface Temperature: 7.38 (C)
Epilimnion Temperature: 6.68 (C) Epilimnion Depth (1 C/M): 6 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: 0.980 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.38	3.00	5.58	5.00	5.12
1.00	6.68	4.00	5.34	6.00	5.12
2.00	5.70				

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Lake # 304 21 MAY 75 (Day 141) Time: 09 00 CDT
Air Temperature: 13.45 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 19.12 (C)
Epilimnion Temperature: 19.12 (C)
Planar-Thermocline : 2.625 (M)

Wind: 0 - 3 KMPH
Weather Description: WIND VARIES
Water Color: YELLOW
Outflow Temperature: 18 (C)

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 6.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.12	2.75	9.96	4.00	6.18
1.00	19.12	3.00	8.77	5.00	5.64
2.00	13.83	3.25	8.45	6.00	5.48
2.25	12.44	3.50	7.15	6.75	5.32
2.50	11.68	3.75	6.83		

Lake # 304 18 JUN 75 (Day 169) Time: 09 10 CDT
Air Temperature: 18.8 (C)
Cloud Cover: 0 /10
Secchi Visibility: 2.3 (M)
Inflow Temperature:
Surface Temperature: 19.25 (C)
Epilimnion Temperature: 19.11 (C)
Planar-Thermocline : 2.625 (M)

Wind: -
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.25 (M)
Change at Planar-Thermo: 9.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.25	3.00	13.85	4.50	7.53
1.00	19.11	3.25	13.22	5.00	7.04
2.00	18.56	3.50	11.25	6.00	6.69
2.50	17.42	3.75	10.08	6.50	6.42
2.75	14.93	4.00	9.26		

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Lake # 304 4 JUN 75 (Day 155) Time: 09 30 CDT
Air Temperature: 16 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.4 (M)
Inflow Temperature:
Surface Temperature: 16.74 (C)
Epilimnion Temperature: 16.74 (C)
Planar-Thermocline : 2.375 (M)

Wind: 8 - 16 KMPH
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.74	2.75	13.19	4.00	8.07
1.00	16.74	3.00	11.90	5.00	7.04
2.00	16.74	3.25	10.77	6.00	6.40
2.25	16.64	3.50	9.58	6.40	6.34
2.50	14.64	3.75	8.93		

Lake # 304 2 JUL 75 (Day 183) Time: 09 30 CDT
Air Temperature: 25.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 24.33 (C)
Epilimnion Temperature: 24.05 (C)
Planar-Thermocline : 3.875 (M)

Wind: -
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: 7.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.33	2.75	17.31	4.00	11.28
1.00	24.05	3.00	16.48	4.50	9.25
2.00	21.61	3.25	14.97	5.00	7.76
2.25	20.37	3.50	13.91	6.00	7.25
2.50	18.89	3.75	13.19	6.50	7.15

Lake # 304 16 JUL 75 (Day 197) Time: 09 00 CDT
Air Temperature: 28 (C)
Cloud Cover: 6 /10
Secchi Visibility: 2.1 (M)
Inflow Temperature:
Surface Temperature: 26.15 (C)
Epilimnion Temperature: 23.42 (C)
Planar-Thermocline : 2.625 (M)
Wind: 3 - 8 KMPH
Weather Description: NO OUTFLOW
Water Color: ORANGE
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	26.15	3.00	16.66	4.50	9.65
1.00	23.42	3.25	15.54	5.00	8.79
2.00	21.26	3.50	14.33	5.50	7.91
2.50	19.33	3.75	13.35	6.00	7.58
2.75	17.66	4.00	12.11	6.50	7.49

Lake # 304 13 AUG 75 (Day 225) Time: 08 45 CDT
Air Temperature: 18 (C)
Cloud Cover: 4 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 20.63 (C)
Epilimnion Temperature: 20.63 (C)
Planar-Thermocline : 3.125 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.375 (M)
Change at Planar-Thermo: 8.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.63	3.25	16.62	4.50	11.23
1.00	20.63	3.50	15.24	5.00	9.14
2.00	20.61	3.75	13.56	6.00	8.34
2.75	19.44	4.00	12.69	6.50	8.34
3.00	18.66				

Lake # 304 30 JUL 75 (Day 211) Time: 09 00 CDT
Air Temperature: 29 (C)
Cloud Cover: 0 /10
Secchi Visibility: 1.7 (M)
Inflow Temperature:
Surface Temperature: 25.9 (C)
Epilimnion Temperature: 25.55 (C)
Planar-Thermocline : 3.375 (M)
Wind: 0 - 3 KMPH
Weather Description:
Water Color: GREEN -BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.90	3.00	18.58	4.50	10.01
1.00	25.55	3.25	17.09	5.00	9.04
2.00	23.37	3.50	14.48	5.50	8.25
2.25	22.21	3.75	12.92	6.00	8.12
2.50	21.05	4.00	12.01	6.25	8.02
2.75	18.95				

Lake # 304 27 AUG 75 (Day 239) Time: 09 00 CDT
Air Temperature: 16 (C)
Cloud Cover: 6 /10
Secchi Visibility: 1.8 (M)
Inflow Temperature:
Surface Temperature: 17.64 (C)
Epilimnion Temperature: 17.68 (C)
Planar-Thermocline : 4.625 (M)
Wind: -
Weather Description:
Water Color: ORANGE-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.25 (M)
Change at Planar-Thermo: 5.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.64	4.00	14.64	5.25	9.44
1.00	17.68	4.25	13.32	5.50	9.16
2.00	17.64	4.50	12.36	5.75	8.87
3.00	17.55	4.75	10.95	6.00	8.72
3.50	15.91	5.00	10.10	6.50	8.56

Lake # 304 10 SEP 75 (Day 253) Time: 09 00 CDT
Air Temperature: 16.3 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.5 (M)
Inflow Temperature:
Surface Temperature: 15.67 (C)
Epilimnion Temperature: 15.67 (C)
Planar-Thermocline : 4.875 (M)

Wind: C - 3 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.75 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.67	3.50	15.04	4.75	11.77
1.00	15.67	4.00	14.48	5.00	9.10
2.00	15.47	4.25	13.51	6.00	8.88
2.50	15.34	4.50	12.76	6.25	8.50
3.00	15.23				

Lake # 304 24 SEP 75 (Day 267) Time: 09 30 CDT
Air Temperature: 12 (C)
Cloud Cover: 2 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 11.95 (C)
Epilimnion Temperature: 11.95 (C)
Planar-Thermocline : 6.25 (M)

Wind: -
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 2.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.95	3.00	11.88	6.00	10.11
1.00	11.95	4.00	11.84	6.50	9.07
2.00	11.90	5.00	11.66		

Lake # 304 8 OCT 75 (Day 281) Time: 09 00 CDT
A r Temperature: 11.52 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 11.47 (C)
Epilimnion Temperature: 11.47 (C)
Planar-Thermocline : 5.5 (M)

Wind: 8 - 11 KMPH
Weather Description: NO OUTFLOW
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 1.170 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.47	3.00	11.34	6.00	9.98
1.00	11.47	4.00	11.25	6.10	9.98
2.00	11.47	5.00	11.15		

Lake # 304 22 OCT 75 (Day 295) Time: 08 45 CDT
Air Temperature: 5.6 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.25 (M)
Inflow Temperature:
Surface Temperature: 8.49 (C)
Epilimnion Temperature: 8.49 (C)
Planar-Thermocline : 5.5 (M)

Wind: -
Weather Description: NO OUTFLOW
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 0.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.49	3.00	8.49	6.00	8.43
1.00	8.49	4.00	8.49	6.50	8.43
2.00	8.49	5.00	8.49		

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Lake # 304 5 NOV 75 (Day 309) Time: 09 30 CST
Air Temperature: 10.5 (C) Wind: -
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 5.8 (C)
Surface Temperature: 6.5 (C)
Epilimnion Temperature: 5.85 (C) Epilimnion Depth (1 C/M): 6.1 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.650 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.50	3.00	5.34	6.00	5.18
1.00	5.85	4.00	5.29	6.10	5.18
2.00	5.43	5.00	5.21		

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Lake # 304 13 MAY 76 (Day 133) Time: 09 35 CDT
Air Temperature: 16.5 (C) Wind: 0 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.6 (M) Water Color: GREEN -YELLOW
Inflow Temperature: Outflow Temperature: 12.36 (C)
Surface Temperature: 11.98 (C)
Epilimnion Temperature: 11.92 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 5.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.98	3.00	8.24	4.25	5.77
1.00	11.92	3.25	7.57	4.50	5.59
2.00	11.67	3.50	7.21	4.75	5.18
2.25	10.29	3.75	6.71	5.00	5.13
2.50	9.22	4.00	6.44	5.80	5.12
2.75	8.60				

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Lake # 304 27 MAY 76 (Day 147) Time: 09 35 CDT
Air Temperature: 20.45 (C) Wind: 3 - 8 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 2.9 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 19.73 (C)
Surface Temperature: 17.91 (C)
Epilimnion Temperature: 17.77 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 8.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.91	2.75	12.60	3.75	8.21
1 00	17.77	3.00	11.16	4.00	7.64
2 00	16.85	3.25	9.70	5.00	6.78
2.25	14.69	3.50	8.91	6.00	5.98
2.50	13.39				

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Lake # 304 10 JUN 76 (Day 161) Time: 09 50 CDT
Air Temperature: 22.6 (C) Wind: 8 - 16 KMPH
Cloud Cover: 9 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 3.2 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 24.22 (C)
Epilimnion Temperature: 24.16 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 8.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.22	2.50	17.59	4.25	8.00
1.00	24.16	2.75	15.82	4.50	7.67
1.25	24.16	3.00	13.63	4.75	7.21
1.50	24.12	3.25	11.89	5.00	7.14
1.75	23.00	3.50	10.53	6.00	6.89
2.00	21.27	3.75	9.59	6.20	6.69
2.25	19.37	4.00	8.81		

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Lake # 304 24 JUN 76 (Day 175) Time: 09 25 CDT
Air Temperature: 21 (C) Wind: -
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 20.5 (C)
Surface Temperature: 21.26 (C)
Epilimnion Temperature: 20.78 (C) Epilimnion Depth (1 C/M): 1.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 6.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.26	2.50	16.93	4.00	10.58
1.00	20.78	2.75	16.55	4.25	9.14
1.25	19.41	3.00	15.83	4.50	8.55
1.50	19.12	3.25	14.32	4.75	7.93
1.75	18.54	3.50	12.89	5.00	7.59
2.00	18.15	3.75	11.37	6.00	7.17
2.25	17.70				

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Lake # 304 8 JUL 76 (Day 189) Time: 10 30 CDT
Air Temperature: 24.7 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.1 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature: 24.77 (C)
Surface Temperature: 23.87 (C)
Epilimnion Temperature: 23.4 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 2.125 (M) Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.87	2.50	18.17	4.25	10.40
1.00	23.40	2.75	16.95	4.50	9.43
1.25	23.22	3.00	15.96	4.75	8.69
1.50	23.00	3.25	14.93	5.00	8.20
1.75	22.00	3.50	13.81	6.00	7.91
2.00	20.75	3.75	12.79	6.50	7.74
2.25	19.40	4.00	11.53		

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Lake # 304 22 JUL 76 (Day 203) Time: 10 15 CDT
Air Temperature: 22.5 (C) Wind: 3 - 11 KMPH
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.5 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.28 (C)
Epilimnion Temperature: 21.85 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 6.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.28	3.00	17.45	4.50	10.01
1.00	21.87	3.25	15.85	4.75	9.30
2.00	21.51	3.50	14.31	5.00	8.81
2.25	20.68	3.75	12.99	5.50	8.38
2.50	20.05	4.00	12.03	6.00	8.14
2.75	19.08	4.25	10.94	6.60	8.01

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Lake # 304 5 AUG 76 (Day 217) Time: 09 00 CDT
Air Temperature: 24 (C) Wind: -
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.75 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.35 (C)
Epilimnion Temperature: 22.29 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.35	3.00	19.44	4.50	10.67
1.00	22.29	3.25	17.14	4.75	9.97
2.00	21.90	3.50	15.65	5.00	9.36
2.25	21.39	3.75	14.08	6.00	8.54
2.50	21.10	4.00	12.56	6.50	8.36
2.75	20.20	4.25	11.67		

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Lake # 304 19 AUG 76 (Day 231) Time: 09 40 CDT
Air Temperature: 27.45 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.6 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.31 (C)
Epilimnion Temperature: 21.6 (C) Epilimnion Depth (1 C/M): 2.5 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.31	3.50	16.75	4.75	10.83
1.00	21.60	3.75	15.74	5.00	10.08
2.00	20.66	4.00	14.01	5.25	9.56
3.00	19.56	4.25	12.83	5.50	9.17
3.25	18.55	4.50	11.92	6.00	9.02

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Lake # 304 2 SEP 76 (Day 245) Time: 09 30 CDT
Air Temperature: 12.3 (C) Wind: 0 - 3 KMPH
Cloud Cover: 3 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.5 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.98 (C)
Epilimnion Temperature: 18.01 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.98	3.00	17.91	5.00	10.61
1.00	18.01	3.50	16.60	5.25	10.27
1.25	18.03	4.00	15.12	5.50	9.90
1.75	17.98	4.25	13.51	5.75	9.57
2.00	17.98	4.50	12.16	6.00	9.48
2.75	17.92	4.75	11.32	6.50	9.18

****

Lake # 304 16 SEP 76 (Day 259) Time: 09 10 CDT
Air Temperature: 12.9 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.2 (M) Water Color: BROWN -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.9 (C)
Epilimnion Temperature: 15.95 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 3.875 (M) Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.90	3.75	15.67	5.00	11.13
1.00	15.95	4.00	14.67	5.25	10.35
2.00	15.95	4.25	13.73	5.50	10.17
3.00	15.94	4.50	12.81	6.00	9.79
3.50	15.79	4.75	11.97		

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Lake # 304 30 SEP 76 (Day 273) Time: 09 00 CDT
Air Temperature: 12.1 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.5 (M) Water Color: PALE -ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.1 (C)
Epilimnion Temperature: 11.06 (C) Epilimnion Depth (1 C/M): 6 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 0.270 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.10	3.00	10.95	5.00	10.58
1.00	11.06	4.00	10.68	5.50	10.54
2.00	11.02	4.50	10.65	6.00	10.48

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Lake # 304 14 OCT 76 (Day 287) Time: 08 45 CDT
Air Temperature: 8.3 (C) Wind: 8 - 16 KMPH
Cloud Cover: 9 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 1.4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.83 (C)
Epilimnion Temperature: 7.79 (C) Epilimnion Depth (1 C/M): 6.2 (M)
Planar-Thermocline : 6.1 (M) Change at Planar-Thermo: -.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.83	3.00	7.80	6.00	7.74
1.00	7.79	4.00	7.80	6.20	7.78
2.00	7.79	5.00	7.78		

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Lake # 304 10 MAY 77 (Day 130) Time: 08 50 CDT
Air Temperature: 11.35 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature: 13.86 (C)
Surface Temperature: 14.83 (C)
Epilimnion Temperature: 14.83 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: 6.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.83	2.25	11.64	4.00	5.83
0.50	14.83	2.50	10.67	4.50	5.47
1.00	14.83	2.75	9.05	5.00	5.35
1.50	13.80	3.00	7.84	5.50	5.31
1.75	13.31	3.25	7.10	6.00	5.31
2.00	12.46	3.50	6.88	6.50	5.31

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Lake # 304 24 MAY 77 (Day 144) Time: 09 45 CDT
Air Temperature: 19 (C) Wind: 0 - 3 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 2.1 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 17.48 (C)
Surface Temperature: 18.83 (C)
Epilimnion Temperature: 18.65 (C) Epilimnion Depth (1 C/M): 1.875 (M)
Planar-Thermocline : 1.875 (M) Change at Planar-Thermo: 9.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.83	2.50	12.49	4.00	7.11
0.50	18.80	2.75	11.48	4.50	6.19
1.00	18.65	3.00	10.35	5.00	5.86
1.50	18.56	3.25	9.36	5.50	5.65
1.75	18.36	3.50	8.34	6.00	5.59
2.00	16.07	3.75	7.51	6.25	5.59
2.25	13.80				

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Lake # 304 7 JUN 77 (Day 158) Time: 08 00 CDT
Air Temperature: 15.52 (C) Wind: 0 - 2 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 2.4 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature: 18.52 (C)
Surface Temperature: 20.07 (C)
Epilimnion Temperature: 20.07 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.07	2.50	15.90	4.00	7.85
0.50	20.07	2.75	13.32	4.50	6.72
1.00	20.07	3.00	11.64	5.00	6.67
1.50	19.64	3.25	9.92	5.50	6.50
2.00	19.32	3.50	9.20	6.00	6.47
2.25	16.83	3.75	8.43	6.50	6.47

Lake # 304 21 JUN 77 (Day 172) Time: 09 45 CDT
Air Temperature: 17 (C) Wind: 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature: 20.52 (C)
Surface Temperature: 18.9 (C)
Epilimnion Temperature: 18.37 (C) Epilimnion Depth (1 C/M): 1.25 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 6.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.90	3.00	13.61	4.75	7.17
0.50	18.44	3.25	12.00	5.00	6.72
1.00	18.37	3.50	11.01	5.50	6.32
1.50	17.75	3.75	9.84	6.00	6.23
2.00	17.27	4.00	9.08	6.50	6.21
2.50	16.25	4.25	8.31	7.00	6.21
2.75	14.77	4.50	7.66		

Lake # 304 19 JUL 77 (Day 200) Time: 09 40 CDT
Air Temperature: 26.7 (C) Wind: 3 - 5 KMPH
Cloud Cover: 3 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.5 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 26.15 (C)
Epilimnion Temperature: 24.73 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	26.15	3.00	16.61	4.75	7.82
1.00	24.73	3.25	15.49	5.00	7.62
1.50	22.88	3.50	12.79	5.50	7.19
2.00	21.31	3.75	11.07	6.00	7.10
2.25	19.83	4.00	9.69	6.50	7.05
2.50	18.86	4.25	9.47	7.00	7.05
2.75	17.43	4.50	8.49		

Lake # 304 5 JUL 77 (Day 186) Time: 09 30 CDT
Air Temperature: 18.7 (C) Wind: 6 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 21.2 (C)
Surface Temperature: 22.49 (C)
Epilimnion Temperature: 22.6 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.49	2.75	16.50	4.25	8.50
1.00	22.60	3.00	14.30	4.50	7.79
1.50	22.51	3.25	13.04	4.75	7.38
1.75	20.55	3.50	12.20	5.00	6.91
2.00	19.68	3.75	11.12	5.50	6.80
2.25	18.90	4.00	9.85	6.00	6.63
2.50	17.84				

Lake # 304 2 AUG 77 (Day 214) Time: 09 00 CDT
Air Temperature: 14.65 (C) Wind: -
Cloud Cover: 4 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 3.16 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.52 (C)
Epilimnion Temperature: 19.57 (C) Epilimnion Depth (1 C/M): 2.75 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 8.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.52	3.25	15.60	4.75	8.75
1.00	19.57	3.50	14.30	5.00	8.23
1.50	19.57	3.75	13.42	5.50	7.70
2.00	19.57	4.00	11.68	6.00	7.52
2.50	19.47	4.25	9.80	6.50	7.36
3.00	17.79	4.50	9.21		

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Lake # 304 16 AUG 77 (Day 228) Time: 09 40 CDT
Air Temperature: 16 (C) Wind: -
Cloud Cover: 0 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 3.45 (M) Water Color: PALE -ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.5 (C)
Epilimnion Temperature: 17.41 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 3.75 (M) Change at Planar-Thermo: 6.860 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.50	4.00	12.49	5.00	8.55
1.00	17.41	4.25	11.27	5.50	8.03
2.00	17.35	4.50	10.49	6.00	7.79
3.00	17.21	4.75	9.16	6.25	7.58
3.50	15.92				

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Lake # 304 30 AUG 77 (Day 242) Time: 08 15 CDT
Air Temperature: 9.5 (C) Wind: 3 - 8 KMPH
Cloud Cover: 9 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.2 (M) Water Color: BROWN -YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.38 (C)
Epilimnion Temperature: 17.38 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 7.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.38	3.75	14.17	5.25	8.23
1.00	17.38	4.00	12.94	5.50	8.03
2.00	16.97	4.25	12.67	5.75	7.91
3.00	16.59	4.50	11.37	6.00	7.85
3.25	16.32	4.75	10.46	6.50	7.64
3.50	15.71	5.00	8.59		

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Lake # 304 27 SEP 77 (Day 270) Time: 09 00 CDT
Air Temperature: 13 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.3 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature: 12.3 (C)
Surface Temperature: 12.52 (C)
Epilimnion Temperature: 12.56 (C) Epilimnion Depth (1 C/M): 4.75 (M)
Planar-Thermocline : 4.75 (M) Change at Planar-Thermo: 3.540 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.52	4.00	12.58	5.50	8.76
1.00	12.56	4.50	12.23	6.00	8.18
2.00	12.58	5.00	10.46	6.50	7.95
3.00	12.58				

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Lake # 304 11 OCT 77 (Day 284) Time: 08 25 CDT
Air Temperature: 4.8 (C) Wind: 24 - 32 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 1.6 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature: 6.34 (C)
Surface Temperature: 7.63 (C)
Epilimnion Temperature: 7.72 (C) Epilimnion Depth (1 C/M): 6.6 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.090 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.63	3.00	7.77	6.00	7.77
1.00	7.72	4.00	7.77	6.60	7.78
2.00	7.76	5.00	7.77		

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Lake # 304 25 OCT 77 (Day 298) Time: 09 10 CDT
Air Temperature: 6.82 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 2.2 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.45 (C)
Epilimnion Temperature: 6.44 (C) Epilimnion Depth (1 C/M): 6.3 (M)
Planar-Thermocline : 6.15 (M) Change at Planar-Thermo: -.167 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.45	3.00	6.44	6.00	6.42
1.00	6.44	4.00	6.42	6.30	6.47
2.00	6.44	5.00	6.41		

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Lake # 304 3 JUL 80 (Day 184) Time: 09 55 CDT
Air Temperature: 23.2 (C) Wind: 10 - 15 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.45 (C)
Epilimnion Temperature: 19.4 (C) Epilimnion Depth (1 C/M): 1 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: 0.010 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	19.40				

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Lake # 305 15 JUN 68 (Day 166) Time: 09 00 CDT
Air Temperature: 8.8 (C) Wind: 18 - 27 KMPH
Cloud Cover: 3 /10 Weather Description: CLEAR
Secchi Visibility: 5.7 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.2 (C)
Epilimnion Temperature: 13.7 (C) Epilimnion Depth (1 C/M): 6.5 (M)
Planar-Thermocline : 6.5 (M) Change at Planar-Thermo: 2.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.20	8.00	9.80	17.00	5.30
1.00	13.70	9.00	8.80	20.00	4.90
2.00	13.80	10.00	7.40	22.00	4.90
3.00	13.80	11.00	6.90	25.00	4.90
4.00	13.80	12.00	6.00	28.00	4.90
5.00	13.80	13.00	5.50	30.00	4.90
6.00	13.00	14.00	5.40	30.90	4.80
7.00	10.70	15.00	5.30		

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Lake # 305 6 JUL 68 (Day 187) Time: 10 00 CDT
Air Temperature: 19.8 (C) Wind: -
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 6.9 (M) Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.3 (C)
Epilimnion Temperature: 18.1 (C) Epilimnion Depth (1 C/M): 6.5 (M)
Planar-Thermocline : 6.5 (M) Change at Planar-Thermo: 4.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.30	8.00	9.80	17.00	4.90
1.00	18.10	9.00	8.20	19.00	4.80
2.00	18.00	10.00	7.20	20.00	4.80
3.00	17.80	11.00	6.50	23.00	4.60
4.00	17.30	12.00	6.00	25.00	4.50
5.00	17.10	13.00	5.80	27.00	4.50
6.00	16.40	15.00	5.20	29.00	4.50
7.00	12.30				

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Lake # 305 8 NOV 68 (Day 312) Time: 12 30 CDT
Air Temperature: -3.8889 (C)
Cloud Cover: 9 /10
Secchi Visibility: 5.5 (M)
Inflow Temperature:
Surface Temperature: 4.8 (C)
Epilimnion Temperature: 5 (C)
Planar-Thermocline : 18.5 (M)
Wind: -
Weather Description: SNOW
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 29 (M)
Change at Planar-Thermo: 0.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.80	10.00	5.10	20.00	4.30
1.00	5.00	11.00	5.10	21.00	4.20
2.00	5.00	12.00	5.10	22.00	4.00
3.00	5.00	13.00	5.10	23.00	3.90
4.00	5.00	14.00	5.10	24.00	3.50
5.00	5.00	15.00	5.10	25.00	3.50
6.00	5.00	16.00	5.10	27.00	3.20
7.00	5.00	17.00	5.00	28.00	3.20
8.00	5.10	18.00	5.00	29.00	3.20
9.00	5.10	19.00	4.50		

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Lake # 305 22 APR 69 (Day 112) Time: 10 00 CDT
Air Temperature: 1.6667 (C)
Cloud Cover: 4 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 1.6 (C)
Epilimnion Temperature: 3.8 (C)
Planar-Thermocline : .5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	1.60	6.00	3.85	15.00	3.80
1.00	3.80	7.00	3.80	17.00	3.80
2.00	3.80	9.00	3.80	19.00	3.80
3.00	3.80	11.00	3.80	25.00	3.80
4.00	3.85	13.00	3.80	30.00	3.80
5.00	3.85				

Lake # 305 7 MAY 69 (Day 127) Time: 11 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 7.5 (M)
Inflow Temperature:
Surface Temperature: 1.6 (C)
Epilimnion Temperature: 6.4 (C)
Planar-Thermocline : 6.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 30 (M)
Change at Planar-Thermo: 0.333 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
1.00	6.40	10.00	5.00	25.00	3.80
5.00	6.20	15.00	4.90	30.00	3.60
8.00	5.20	20.00	4.00		

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Lake # 305 17 MAY 69 (Day 137) Time: 10 00 CDT
Air Temperature: 4.4444 (C)
Cloud Cover: 0 /10
Secchi Visibility: 8.5 (M)
Inflow Temperature:
Surface Temperature: 9.52 (C)
Epilimnion Temperature: 9.16 (C)
Planar-Thermocline : 9.5 (M)
Wind: -
Weather Description:
Water Color: BLUE -GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 29.2 (M)
Change at Planar-Thermo: 0.690 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.52	7.00	8.21	13.00	5.52
1.00	9.16	8.00	7.58	14.00	4.90
2.00	8.95	9.00	6.99	15.00	4.77
3.00	8.71	10.00	6.30	20.00	4.52
4.00	8.63	11.00	5.88	25.00	4.40
5.00	8.48	12.00	5.64	29.20	4.35
6.00	8.32				

Lake # 305 27 MAY 69 (Day 147) Time: 11 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 12.8 (C)
Epilimnion Temperature: 12.6 (C)
Planar-Thermocline : 7.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.5 (M)
Change at Planar-Thermo: 1.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.80	7.00	11.00	13.00	6.10
1.00	12.60	8.00	9.50	14.00	5.50
2.00	12.40	9.00	8.50	15.00	5.30
3.00	12.40	10.00	7.70	20.00	4.60
4.00	12.40	11.00	7.60	25.00	4.40
5.00	11.70	12.00	6.50	30.00	4.40
6.00	11.10				

Lake # 305 25 JUN 69 (Day 176) Time: 11 35 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 6.5 (M)
Inflow Temperature:
Surface Temperature: 14.8 (C)
Epilimnion Temperature: 14.8 (C)
Planar-Thermocline : 9.5 (M)
Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 8.5 (M)
Change at Planar-Thermo: 2.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.80	6.00	14.00	11.00	7.50
1.00	14.80	7.00	13.80	15.00	4.90
2.00	14.80	8.00	13.00	20.00	4.40
3.00	14.70	9.00	11.20	25.00	4.20
4.00	14.50	10.00	8.80	28.00	4.20
5.00	14.10				

Lake # 305 11 JUN 69 (Day 162) Time: 12 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 14.4 (C)
Epilimnion Temperature: 14.3 (C)
Planar-Thermocline : 8.5 (M)
Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.5 (M)
Change at Planar-Thermo: 2.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.40	5.00	14.20	10.00	7.70
1.00	14.30	6.00	14.20	15.00	5.00
2.00	14.30	7.00	14.00	20.00	4.60
3.00	14.20	8.00	11.80	25.00	4.50
4.00	14.20	9.00	9.20	30.00	4.40

Lake # 305 7 JUL 69 (Day 188) Time: 11 10 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 8 (M)
Inflow Temperature:
Surface Temperature: 17.4 (C)
Epilimnion Temperature: 17.3 (C)
Planar-Thermocline : 9.5 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.5 (M)
Change at Planar-Thermo: 3.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.40	7.00	15.80	13.00	6.10
1.00	17.30	8.00	13.90	14.00	5.70
2.00	17.10	9.00	12.00	15.00	5.50
3.00	17.00	10.00	8.40	20.00	4.60
4.00	16.80	11.00	7.30	25.00	4.40
5.00	16.50	12.00	6.50	30.00	4.30
6.00	16.20				

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Lake # 305 22 JUL 69 (Day 203) Time: 10 25 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 8 (M)
Inflow Temperature:
Surface Temperature: 21.8 (C)
Epilimnion Temperature: 21.8 (C)
Planar-Thermocline : 4.5 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.5 (M)
Change at Planar-Thermo: 2.500 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.80	7.00	16.10	13.00	6.60
1.00	21.80	8.00	13.90	14.00	5.90
2.00	21.80	9.00	12.50	15.00	5.70
3.00	21.80	10.00	10.50	20.00	4.80
4.00	21.70	11.00	8.70	25.00	4.50
5.00	19.20	12.00	7.70	28.00	4.40
6.00	18.10				

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Lake # 305 27 AUG 69 (Day 239) Time: 11 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 9.5 (M)
Inflow Temperature:
Surface Temperature: 23 (C)
Epilimnion Temperature: 22.6 (C)
Planar-Thermocline : 7.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.5 (M)
Change at Planar-Thermo: 4.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.00	5.00	22.50	10.00	11.80
1.00	22.60	6.00	22.40	15.00	7.00
2.00	22.50	7.00	20.80	20.00	6.00
3.00	22.50	8.00	16.50	25.00	5.50
4.00	22.50	9.00	14.40	29.00	5.50

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Lake # 305 1 OCT 69 (Day 274) Time: 09 45 CDT
Air Temperature: 7 (C)
Cloud Cover: 10 /10
Secchi Visibility: 7.5 (M)
Inflow Temperature:
Surface Temperature: 12.8 (C)
Epilimnion Temperature: 13 (C)
Planar-Thermocline : 10.5 (M)

Wind: 2 - 4 KMPH
Weather Description: RAIN
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 10.5 (M)
Change at Planar-Thermo: 4.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.80	8.00	13.10	14.00	5.50
1.00	13.00	10.00	13.10	15.00	5.30
2.00	13.10	11.00	8.80	20.00	4.50
4.00	13.10	12.00	7.10	25.00	4.30
6.00	13.10	13.00	6.10	29.00	4.10

****

Lake # 305 16 OCT 69 (Day 289) Time: 09 00 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 9.2 (C)
Epilimnion Temperature: 9.2 (C)
Planar-Thermocline : 13.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 13.5 (M)
Change at Planar-Thermo: 1.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	9.20	14.00	7.40	19.00	5.40
5.00	9.20	15.00	6.80	20.00	5.20
10.00	9.20	16.00	6.10	25.00	4.60
12.00	9.20	17.00	5.80	29.00	4.50
13.00	8.70	18.00	5.50		

****

Lake # 305 29 OCT 69 (Day 302) Time: 10 45 CDT
Air Temperature:
Cloud Cover:
Secchi Visibility: 8 (M)
Inflow Temperature:
Surface Temperature: 6.2 (C)
Epilimnion Temperature: 6.2 (C)
Planar-Thermocline : 22.5 (M)

Wind: -
Weather Description:
Water Color: BLUE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 29 (M)
Change at Planar-Thermo: 0.450 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.20	18.00	6.10	24.00	4.70
1.00	6.20	19.00	5.80	25.00	4.65
3.00	6.20	20.00	5.60	26.00	4.60
5.00	6.20	21.00	5.50	27.00	4.55
10.00	6.15	22.00	5.30	28.00	4.55
15.00	6.15	23.00	4.85	29.00	4.55
17.00	6.10				

Lake # 305 10 DEC 69 (Day 344) Time: 11 00 CST
Air Temperature: -6.6667 (C)
Cloud Cover: 9 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .78 (C)
Epilimnion Temperature: 2.98 (C)
Planar-Thermocline : .5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.78	8.00	3.64	22.00	4.03
1.00	2.98	10.00	3.76	24.00	4.07
2.00	3.38	12.00	3.83	26.00	4.09
3.00	3.52	14.00	3.89	28.00	4.10
4.00	3.57	16.00	3.92	30.00	4.12
5.00	3.58	18.00	3.99	31.00	4.12
6.00	3.58	20.00	4.01	32.00	4.13

****

Lake # 305 12 NOV 69 (Day 316) Time: 10 45 CDT
Air Temperature: -1 (C)
Cloud Cover: 10 /10
Secchi Visibility: 8 (M)
Inflow Temperature:
Surface Temperature: 5.6 (C)
Epilimnion Temperature: 5.6 (C)
Planar-Thermocline : 27 (M)

Wind: 15 - 18 KMPH
Weather Description: SNOW
Water Color: BLUE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 29 (M)
Change at Planar-Thermo: 0.163 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.60	8.00	5.60	16.00	5.45
1.00	5.60	9.00	5.60	17.00	5.45
2.00	5.60	10.00	5.50	18.00	5.45
3.00	5.60	11.00	5.50	19.00	5.40
4.00	5.60	12.00	5.50	21.00	5.35
5.00	5.60	13.00	5.50	25.00	5.35
6.00	5.60	14.00	5.50	29.00	4.70
7.00	5.60	15.00	5.45		

Lake # 305 22 JAN 70 (Day 22) Time: 15 00 CDT
Air Temperature:
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .65 (C)
Epilimnion Temperature: 1.68 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.65	8.00	3.80	22.00	3.96
1.00	1.68	10.00	3.85	24.00	3.98
2.00	3.05	12.00	3.87	26.00	4.01
3.00	3.42	14.00	3.90	28.00	4.03
4.00	3.56	16.00	3.92	30.00	4.05
5.00	3.63	18.00	3.93	31.00	4.07
6.00	3.70	20.00	3.94	31.30	4.09

****

Lake # 305 26 FEB 70 (Day 57) Time: 11 00 CST
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .2 (C)
Epilimnion Temperature: 1.15 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.20	10.00	4.00	24.00	4.22
1.00	1.15	12.00	4.05	26.00	4.23
2.00	2.60	14.00	4.08	28.00	4.28
3.00	3.50	16.00	4.12	30.00	4.30
4.00	3.70	18.00	4.13	31.00	4.33
6.00	3.90	20.00	4.15	32.00	4.39
8.00	3.98	22.00	4.18		

****

Lake # 305 13 OCT 70 (Day 286) Time:
Air Temperature: 2.4 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 8.5 (C)
Epilimnion Temperature: 8.56 (C)
Planar-Thermocline : 12.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 30 (M)
Change at Planar-Thermo: 0.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.50	8.00	8.56	15.00	5.55
1.00	8.56	9.00	8.56	16.00	5.28
2.00	8.56	10.00	8.56	17.00	5.15
3.00	8.56	11.00	8.52	18.00	5.03
4.00	8.56	12.00	7.72	20.00	4.87
5.00	8.56	13.00	6.80	25.00	4.71
6.00	8.56	14.00	6.26	30.00	4.70
7.00	8.56				

****

Lake # 305 9 APR 70 (Day 99) Time: 13 00 CDT
Air Temperature: 7 (C)
Cloud Cover: 0 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .2 (C)
Epilimnion Temperature: 1.49 (C)
Planar-Thermocline : .9 (M)

Wind: 0 - 16 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .9 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.80	1.15	8.00	4.00	22.00	4.10
1.00	1.49	10.00	4.02	24.00	4.11
2.00	2.68	12.00	4.03	26.00	4.12
3.00	3.60	14.00	4.04	28.00	4.18
4.00	3.83	16.00	4.06	30.00	4.22
5.00	3.98	18.00	4.08	32.00	4.27
6.00	3.98	20.00	4.09	32.70	4.30

****

Lake # 305 20 JAN 71 (Day 20) Time:
Air Temperature.
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .08 (C)
Epilimnion Temperature: .22 (C)
Planar-Thermocline : 2.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.08	5.00	2.82	25.00	3.67
1.00	0.22	7.00	2.98	30.00	3.77
2.00	0.91	10.00	3.17	31.00	3.82
3.00	2.12	15.00	3.43	31.50	3.82
4.00	2.48	20.00	3.62		

Lake # 305 22 FEB 71 (Day 53) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .32 (C)
Epilimnion Temperature: .8 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.32	5.00	2.97	20.00	3.62
1.00	0.80	10.00	3.28	25.00	3.70
2.00	2.62	15.00	3.47	30.00	3.81

Lake # 305 11 MAY 71 (Day 131) Time:
Air Temperature: 1.2 (C)
Cloud Cover: 9 /10
Secchi Visibility: 8 (M)
Inflow Temperature:
Surface Temperature: 7.2 (C)
Epilimnion Temperature: 7.26 (C)
Planar-Thermocline : 5.5 (M)

Wind: 5 - 10 KMPH
Weather Description:
Water Color: GREEN -BLUE
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 1.060 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.20	5.00	6.63	10.00	4.68
1.00	7.26	6.00	5.57	15.00	4.50
2.00	7.25	7.00	5.08	20.00	4.43
3.00	7.24	8.00	4.91	25.00	4.38
4.00	7.23	9.00	4.84	28.00	4.36

Lake # 305 0 APR 71 (Day 90) Time:
Air Temperature:
Cloud Cover:
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .23 (C)
Epilimnion Temperature: .62 (C)
Planar-Thermocline : 1.5 (M)

Wind: -
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.23	7.00	3.13	25.00	3.70
1.00	0.62	10.00	3.33	30.00	3.85
2.00	1.87	15.00	3.52	31.00	3.87
3.00	2.57	20.00	3.62	31.50	3.90
5.00	2.98				

Lake # 305 8 JUN 71 (Day 159) Time: 10 45 CDT
Air Temperature: 29.6 (C)
Cloud Cover: 0 /10
Secchi Visibility: 6.3 (M)
Inflow Temperature:
Surface Temperature: 16.92 (C)
Epilimnion Temperature: 16.37 (C)
Planar-Thermocline : 5.625 (M)

Wind: -
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 4.840 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.92	9.00	9.91	20.00	4.77
1.00	16.37	10.00	9.12	21.00	4.72
2.00	15.74	11.00	8.38	22.00	4.69
3.00	15.59	12.00	7.19	23.00	4.68
4.00	15.43	13.00	6.39	24.00	4.67
5.00	14.60	14.00	6.00	25.00	4.65
5.25	14.35	15.00	5.72	26.00	4.64
5.50	13.72	16.00	5.49	27.00	4.63
5.75	12.51	17.00	5.25	28.00	4.63
6.00	12.32	18.00	5.12	29.00	4.63
7.00	11.39	19.00	4.85	29.80	4.62
8.00	10.33				

Lake # 305 6 JUL 71 (Day 187) Time: 09 20 CDT
Air Temperature:
Cloud Cover: 2 /10
Secchi Visibility: 6.8 (M)
Inflow Temperature:
Surface Temperature: 20.53 (C)
Epilimnion Temperature: 20.47 (C)
Planar-Thermocline : 6.25 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 6.140 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.53	7.50	12.05	16.00	5.80
1.00	20.47	8.00	11.30	18.00	5.28
2.00	20.45	9.00	10.31	20.00	4.93
3.00	20.34	10.00	9.10	22.00	4.80
4.00	20.20	11.00	8.38	24.00	4.72
5.00	19.82	12.00	7.86	25.00	4.70
6.00	18.19	13.00	7.25	26.00	4.70
6.50	15.12	14.00	6.79	28.00	4.70
7.00	12.68	15.00	6.40	28.10	4.70

Lake # 305 0 SEP 71 (Day 243) Time: 08 30 CDT
Air Temperature:
Cloud Cover: 2 /10
Secchi Visibility: 8.6 (M)
Inflow Temperature:
Surface Temperature: 19.42 (C)
Epilimnion Temperature: 19.51 (C)
Planar-Thermocline : 8.75 (M)
Wind: 8 - 16 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.25 (M)
Change at Planar-Thermo: 4.160 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.42	8.00	17.43	20.00	5.45
1.00	19.51	8.50	15.68	22.00	5.23
2.00	19.55	9.00	13.60	24.00	5.19
3.00	19.57	10.00	11.55	25.00	5.12
4.00	19.57	12.00	8.53	26.00	5.10
5.00	19.57	14.00	7.49	28.00	5.09
6.00	19.58	15.00	6.62	29.00	5.05
7.00	19.50	16.00	6.21	30.20	5.05
7.50	18.71	18.00	5.68		

Lake # 305 3 AUG 71 (Day 215) Time: 09 00 CDT
Air Temperature:
Cloud Cover: 3 /10
Secchi Visibility: 6.2 (M)
Inflow Temperature:
Surface Temperature: 19 (C)
Epilimnion Temperature: 18.9 (C)
Planar-Thermocline : 8.25 (M)
Wind: 1 - 2 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 7.75 (M)
Change at Planar-Thermo: 4.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.00	8.00	15.00	18.00	5.50
1.00	18.90	8.50	12.55	20.00	5.12
2.00	18.31	9.00	11.60	22.00	4.90
3.00	18.10	9.50	10.65	24.00	4.80
4.00	17.91	10.00	9.92	25.00	4.79
5.00	17.85	12.00	8.15	26.00	4.75
6.00	17.78	14.00	6.80	28.00	4.75
7.00	17.75	15.00	6.41	30.00	4.75
7.50	17.30	16.00	5.91	30.50	4.80

Lake # 305 28 SEP 71 (Day 271) Time: 09 20 CDT
Air Temperature: 10.31 (C)
Cloud Cover: 10 /10
Secchi Visibility: 8.6 (M)
Inflow Temperature:
Surface Temperature: 14.58 (C)
Epilimnion Temperature: 14.58 (C)
Planar-Thermocline : 10.125 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 9.375 (M)
Change at Planar-Thermo: 5.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.58	9.75	13.71	18.00	5.65
1.00	14.58	10.00	13.19	20.00	5.25
2.00	14.56	10.25	11.94	22.00	5.20
3.00	14.56	10.50	11.45	24.00	5.11
4.00	14.56	10.75	11.25	25.00	5.02
5.00	14.56	11.00	10.71	26.00	4.97
6.00	14.56	11.50	9.66	27.00	4.97
7.00	14.56	12.00	8.90	28.00	4.92
8.00	14.56	12.50	8.51	29.00	4.79
9.00	14.56	14.00	7.15	30.00	4.89
9.25	14.43	15.00	6.67	30.25	4.89
9.50	14.06	16.00	6.15		

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Lake # 305 26 OCT 71 (Day 299) Time: 09 05 CDT
Air Temperature: 16.5 (C)
Cloud Cover: 9 /10
Secchi Visibility: 7.8 (M)
Inflow Temperature:
Surface Temperature: 10.19 (C)
Epilimnion Temperature: 10.19 (C)
Planar-Thermocline : 14.5 (M)

Wind: 2 - 3 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 14.5 (M)
Change at Planar-Thermo: 2.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.19	10.00	9.82	22.00	5.15
1.00	10.19	12.00	9.82	24.00	5.09
2.00	10.10	14.00	9.42	25.00	5.02
3.00	10.09	15.00	7.35	26.00	4.95
5.00	10.00	16.00	6.50	28.00	4.88
6.00	9.87	18.00	5.82	30.00	4.88
7.00	9.85	20.00	5.48	31.10	4.85
8.00	9.84				

Lake # 305 18 JAN 72 (Day 18) Time: 16 00 CST
Air Temperature: -23.3 (C)
Cloud Cover: 7 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .5 (C)
Epilimnion Temperature: 2.2 (C)
Planar-Thermocline : .125 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .125 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.50	7.00	3.80	18.00	4.13
0.25	1.11	8.00	3.80	20.00	4.22
0.50	1.71	9.00	3.80	22.00	4.26
1.00	2.20	10.00	3.80	24.00	4.27
2.00	2.70	12.00	3.88	25.00	4.30
3.00	3.31	14.00	3.89	26.00	4.30
4.00	3.58	15.00	4.10	27.00	4.30
5.00	3.70	16.00	4.11	28.00	4.30
6.00	3.79				

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Lake # 305 16 DEC 71 (Day 350) Time: 11 00 CST
Air Temperature: 5 (C)
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 10.19 (C)
Epilimnion Temperature: 2.74 (C)
Planar-Thermocline : .375 (M)

Wind: 8 - 16 KMPH
Weather Description: SNOWING
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): .375 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.25	0.71	9.00	3.73	24.00	3.98
0.50	1.44	10.00	3.76	25.00	4.00
1.00	2.74	12.00	3.82	26.00	4.01
2.00	3.12	14.00	3.86	28.00	4.03
3.00	3.47	15.00	3.91	30.00	4.04
4.00	3.60	16.00	3.92	31.00	4.06
5.00	3.61	18.00	3.94	32.00	4.07
6.00	3.64	20.00	3.96	33.00	4.09
7.00	3.70	22.00	3.96	34.00	4.10
8.00	3.71				

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Lake # 305 7 APR 72 (Day 97) Time: 12 20 CST
Air Temperature: -12.2 (C)
Cloud Cover: 2 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .25 (C)
Epilimnion Temperature: 1.1 (C)
Planar-Thermocline : 1.5 (M)

Wind: 16 - 32 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 1.5 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.25	8.00	3.87	20.00	4.02
1.00	1.10	9.00	3.90	22.00	4.03
2.00	2.60	10.00	3.91	24.00	4.04
3.00	3.68	12.00	3.93	25.00	4.09
4.00	3.75	14.00	3.95	26.00	4.09
5.00	3.80	14.00	3.96	28.00	4.10
6.00	3.81	16.00	4.00	29.80	4.18
7.00	3.82	18.00	4.00		

Lake # 305 2 AUG 72 (Day 214) Time: 15 15 CDT
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 21.67 (C)
Epilimnion Temperature: 21.69 (C)
Planar-Thermocline : 6.75 (M)
Wind: 2 - 3 KMPH
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.5 (M)
Change at Planar-Thermo: 5.880 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.67	7.50	12.62	18.00	4.97
0.50	21.67	8.00	10.69	20.00	4.83
1.00	21.69	9.00	9.03	22.00	4.73
2.00	21.67	10.00	8.17	24.00	4.66
3.00	21.55	11.00	6.93	25.00	4.64
4.00	21.49	12.00	6.28	26.00	4.63
5.00	21.42	13.00	5.77	28.00	4.60
6.00	20.37	14.00	5.45	30.00	4.59
6.50	17.91	15.00	5.37	32.10	4.59
7.00	14.97	16.00	5.18		

Lake # 305 21 MAY 74 (Day 141) Time: 10 45 CST
Air Temperature: 15.5 (C)
Cloud Cover: 8 /10
Secchi Visibility: 5.5 (M)
Inflow Temperature:
Surface Temperature: 8 (C)
Epilimnion Temperature: 7.65 (C)
Planar-Thermocline : 3.5 (M)
Wind: 16 - 32 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 31.2 (M)
Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.00	9.00	5.00	20.00	4.50
1.00	7.65	10.00	4.88	22.00	4.45
2.00	7.35	11.00	4.78	24.00	4.45
3.00	6.90	12.00	4.73	25.00	4.42
4.00	6.30	13.00	4.71	26.00	4.40
5.00	5.90	14.00	4.70	28.00	4.40
6.00	5.71	15.00	4.67	30.00	4.38
7.00	5.45	16.00	4.60	31.20	4.36
8.00	5.09	18.00	4.58		

Lake # 305 15 DEC 72 (Day 349) Time: 11 15 CST
Air Temperature:
Cloud Cover: 10 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: .26 (C)
Epilimnion Temperature: 2.54 (C)
Planar-Thermocline : .75 (M)
Wind: -
Weather Description:
Water Color:
Outflow Temperature:
Epilimnion Depth (1 C/M): .25 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	0.26	5.00	3.73	10.00	3.92
0.50	1.04	6.00	3.81	15.00	4.01
1.00	2.54	7.00	3.85	20.00	4.05
2.00	3.33	8.00	3.87	25.00	4.09
3.00	3.52	9.00	3.89	30.00	4.21
4.00	3.66				

Lake # 305 18 JUN 74 (Day 169) Time: 10 45 CDT
Air Temperature: 21.1 (C)
Cloud Cover: 3 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 15.88 (C)
Epilimnion Temperature: 15.82 (C)
Planar-Thermocline : 5.125 (M)
Wind: 3 - 8 KMPH
Weather Description: POLLEN HEAVY
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.88	6.00	8.90	18.00	4.58
1.00	15.82	7.00	7.88	20.00	4.50
2.00	15.70	8.00	7.11	22.00	4.48
3.00	15.62	9.00	6.32	24.00	4.42
4.00	15.55	10.00	5.85	25.00	4.42
5.00	14.85	12.00	5.30	26.00	4.41
5.25	12.10	14.00	4.85	28.00	4.40
5.50	10.15	15.00	4.73	30.00	4.39
5.75	9.38	16.00	4.70	31.10	4.38

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Lake # 305 16 JUL 74 (Day 197) Time: 10 45 CDT
Air Temperature: 29.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 7.5 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.5 (C)
Epilimnion Temperature: 23.4 (C) Epilimnion Depth (1 C/M): 4.5 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 9.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.50	6.50	11.30	18.00	4.71
1.00	23.40	7.00	9.92	20.00	4.65
2.00	23.25	7.50	8.70	22.00	4.38
3.00	23.15	8.00	7.88	24.00	4.55
4.00	23.02	9.00	6.90	25.00	4.54
5.00	21.02	10.00	6.35	26.00	4.52
5.25	18.72	12.00	5.68	28.00	4.50
5.50	17.45	14.00	5.32	30.00	4.48
5.75	15.48	15.00	5.02	31.20	4.46
6.00	14.39	16.00	4.80		

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Lake # 305 10 SEP 74 (Day 253) Time: 10 30 CDT
Air Temperature: 10 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 7 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.9 (C)
Epilimnion Temperature: 14.9 (C) Epilimnion Depth (1 C/M): 8.25 (M)
Planar-Thermocline : 8.75 (M) Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.90	8.00	13.95	18.00	4.80
1.00	14.90	8.50	12.80	20.00	4.65
2.00	14.90	9.00	9.20	22.00	4.59
3.00	14.90	9.50	8.60	24.00	4.51
4.00	14.90	10.00	7.85	26.00	4.50
5.00	14.90	12.00	6.40	28.00	4.46
6.00	14.90	14.00	5.65	30.00	4.44
7.00	14.80	16.00	5.25	31.00	4.41

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Lake # 305 13 AUG 74 (Day 225) Time: 11 00 CDT
Air Temperature: 18.3 (C) Wind: 3 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 7.8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.5 (C)
Epilimnion Temperature: 20.5 (C) Epilimnion Depth (1 C/M): 6.25 (M)
Planar-Thermocline : 7.25 (M) Change at Planar-Thermo: 7.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.50	7.50	10.90	20.00	4.65
1.00	20.50	8.00	9.40	22.00	4.55
2.00	20.50	9.00	8.30	24.00	4.50
3.00	20.48	10.00	6.55	25.00	4.50
4.00	20.38	12.00	5.90	26.00	4.49
5.00	19.40	14.00	5.50	28.00	4.46
6.00	18.95	15.00	5.31	30.00	4.42
6.50	17.35	16.00	4.95	31.00	4.41
7.00	14.55	18.00	4.78		

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Lake # 305 8 OCT 74 (Day 281) Time: 11 45 CDT
Air Temperature: 4 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 8.5 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 8.52 (C)
Epilimnion Temperature: 8.58 (C) Epilimnion Depth (1 C/M): 12.125 (M)
Planar-Thermocline : 12.125 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	8.52	12.25	6.80	22.00	4.68
1.00	8.58	12.50	6.45	23.00	4.64
2.00	8.58	12.75	6.20	24.00	4.60
3.00	8.58	13.00	5.76	25.00	4.58
4.00	8.58	14.00	5.40	26.00	4.54
5.00	8.58	15.00	5.10	27.00	4.52
6.00	8.58	16.00	5.08	28.00	4.50
7.00	8.58	17.00	4.95	29.00	4.50
8.00	8.58	18.00	4.88	30.00	4.50
9.00	8.58	19.00	4.80	31.00	4.50
10.00	8.58	20.00	4.78	32.00	4.50
11.00	8.52	21.00	4.70	32.25	4.50
12.00	8.20				

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Lake # 305 5 NOV 74 (Day 309) Time: 09 10 CST
Air Temperature: -3.8 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description: SNOWING
Secchi Visibility: 6.1 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.62 (C)
Epilimnion Temperature: 5.62 (C) Epilimnion Depth (1 C/M): 31 (M)
Planar-Thermocline : 30.5 (M) Change at Planar-Thermo: 0.140 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.62	7.00	5.68	28.00	5.66
2.00	5.64	10.00	5.68	29.00	5.64
3.00	5.64	20.00	5.68	30.00	5.58
5.00	5.64	26.00	5.68	31.00	5.44

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Lake # 373 0 JUN 83 (Day 151) Time: 08 14 C
Air Temperature: 11.5 (C) Wind: NE 5 - 10 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 6.5 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.8 (C)
Epilimnion Temperature: 11.8 (C) Epilimnion Depth (1 C/M): 5.125
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 9.000 (C

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.80	6.00	10.40	12.00	6.00
1.00	11.80	6.25	8.15	13.00	5.80
2.00	11.80	6.50	8.10	14.00	5.65
3.00	11.80	6.75	8.10	15.00	5.55
4.00	11.80	7.00	8.00	16.00	5.45
5.00	11.70	8.00	7.50	17.00	5.40
5.25	10.90	9.00	7.25	18.00	5.30
5.50	10.85	10.00	6.75	19.00	5.25
5.75	10.50	11.00	6.25	20.00	5.25

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Lake # 373 16 JUN 83 (Day 167) Time: 09 52 C
Air Temperature: 12 (C) Wind: NW 15 - 30 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 7.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.4 (C) Epilimnion Depth (1 C/M): 4.625
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 5.200 (C

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	5.75	12.70	10.00	6.90
1.00	16.40	6.00	11.50	11.00	6.50
2.00	16.40	6.25	10.90	12.00	6.10
3.00	16.30	6.50	10.50	13.00	5.80
4.00	16.30	6.75	10.10	14.00	5.60
4.25	16.30	7.00	9.30	15.00	5.40
4.50	16.30	7.25	9.00	16.00	5.30
4.75	15.00	7.50	8.70	17.00	5.20
5.00	14.60	7.75	8.50	18.00	5.10
5.25	14.10	8.00	8.20	19.00	5.10
5.50	13.70	9.00	7.40	20.00	4.90

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Lake # 373 28 JUN 83 (Day 179) Time: 08 33 CD
Air Temperature: 21 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 7.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.3 (C)
Epilimnion Temperature: 19.3 (C) Epilimnion Depth (1 C/M): 4.375 (
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 6.400 (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.30	5.75	13.10	10.00	6.40
1.00	19.30	6.00	12.20	11.00	5.90
2.00	19.30	6.25	11.80	12.00	5.30
3.00	19.30	6.50	10.90	13.00	5.00
4.00	19.00	6.75	10.50	14.00	4.80
4.25	18.90	7.00	9.40	15.00	4.70
4.50	17.80	7.25	9.10	16.00	4.60
4.75	17.00	7.50	8.80	17.00	4.50
5.00	15.50	7.75	8.40	18.00	4.40
5.25	15.50	8.00	8.00	19.00	4.40
5.50	13.90	9.00	7.10	20.00	4.40

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Lake # 373 12 JUL 83 (Day 193) Time: 13 30 CD
Air Temperature: 25 (C) Wind: SW 15 - 20 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 9 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 20.1 (C) Epilimnion Depth (1 C/M): 5.125 (
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 6.400 (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	6.50	12.40	10.00	6.80
1.00	20.10	6.75	11.60	11.00	6.10
2.00	20.00	7.00	10.80	12.00	5.80
3.00	20.00	7.25	10.10	13.00	5.40
4.00	19.70	7.50	9.60	14.00	5.10
5.00	18.80	7.75	9.20	15.00	4.90
5.25	17.60	8.00	8.90	16.00	4.75
5.50	17.25	8.25	8.45	17.00	4.60
5.75	16.10	8.50	8.30	18.00	4.55
6.00	14.60	8.75	8.00	19.00	4.45
6.25	13.00	9.00	7.60	20.00	4.40

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Lake # 373 26 JUL 83 (Day 207) Time: 10 20 CD
Air Temperature: 22 (C) Wind: S 15 - 25 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 8 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.6 (C)
Epilimnion Temperature: 22.65 (C) Epilimnion Depth (1 C/M): 4.875 (
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 6.600 (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.60	6.25	15.00	9.50	7.80
1.00	22.65	6.50	14.15	9.75	7.55
2.00	22.65	6.75	13.40	10.00	7.30
3.00	22.65	7.00	12.80	11.00	6.60
4.00	22.65	7.25	11.80	12.00	6.00
4.25	22.60	7.50	11.45	13.00	5.45
4.50	22.60	7.75	11.05	14.00	5.25
4.75	22.45	8.00	10.10	15.00	5.00
5.00	21.40	8.25	9.45	16.00	4.85
5.25	20.30	8.50	9.00	17.00	4.70
5.50	19.30	8.75	8.60	18.00	4.60
5.75	17.95	9.00	8.40	19.00	4.60
6.00	16.30	9.25	7.95	20.00	4.50

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Lake # 373 10 AUG 83 (Day 222) Time: 08 40 CD
Air Temperature: 18 (C) Wind: SW 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 8.4 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.4 (C)
Epilimnion Temperature: 22.45 (C) Epilimnion Depth (1 C/M): 5.375 (
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 8.800 (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.40	6.75	15.35	9.75	8.25
1.00	22.45	7.00	14.50	10.00	7.90
2.00	22.45	7.25	13.35	11.00	7.05
3.00	22.40	7.50	12.50	12.00	6.45
4.00	22.40	7.75	12.05	13.00	6.00
5.00	22.40	8.00	11.35	14.00	5.60
5.25	22.35	8.25	10.65	15.00	5.30
5.50	21.80	8.50	10.20	16.00	5.15
5.75	21.15	8.75	9.75	17.00	5.00
6.00	18.95	9.00	9.30	18.00	4.75
6.25	17.55	9.25	8.85	19.00	4.65
6.50	16.35	9.50	8.55		

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Lake # 373 23 AUG 83 (Day 235) Time: 09 48 CD
Air Temperature: 18 (C) Wind: 0 - 0 KMPH
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 5.8 (M) Water Color: BLUE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21 (C)
Epilimnion Temperature: 21.2 (C) Epilimnion Depth (1 C/M): 6.375 (
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: . (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.00	7.25	15.60	10.00	9.40
1.00	21.20	7.50	14.50	11.00	8.40
2.00	21.20	7.75	13.90	12.00	7.60
3.00	21.20	8.00	13.40	13.00	6.90
4.00	21.20	8.25	12.40	14.00	6.50
5.00	21.10	8.50	11.90	15.00	6.10
6.00	21.00	8.75	11.20	16.00	5.80
6.25	20.90	9.00	10.80	17.00	5.60
6.50	20.60	9.25	10.30	18.00	5.40
6.75	19.30	9.50	10.10	19.00	5.30
7.00	16.80	9.75	9.70	20.00	5.20

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Lake # 373 7 SEP 83 (Day 250) Time: 08 45 CD
Air Temperature: 15 (C) Wind: 0 - 0 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 8.2 (M) Water Color: TURQ
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.05 (C)
Epilimnion Temperature: 20.1 (C) Epilimnion Depth (1 C/M): 7.125 (
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 8.200 (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.05	8.00	14.10	10.75	8.00
1.00	20.10	8.25	13.15	11.00	7.75
2.00	20.15	8.50	12.15	12.00	6.95
3.00	20.15	8.75	11.50	13.00	6.25
4.00	20.15	9.00	10.95	14.00	5.75
5.00	20.15	9.25	10.45	15.00	5.40
6.00	20.10	9.50	10.15	16.00	5.20
7.00	19.85	9.75	9.55	17.00	5.05
7.25	18.25	10.00	9.20	18.00	4.95
7.50	16.55	10.25	8.65	19.00	4.90
7.75	14.50	10.50	8.40		

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Lake # 373 20 SEP 83 (Day 263) Time: 08 35 CD
Air Temperature: 7 (C) Wind: SW 5 - 10 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 6.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.25 (C)
Epilimnion Temperature: 13.35 (C) Epilimnion Depth (1 C/M): 9.625
Planar-Thermocline : 10.125 (M) Change at Planar-Thermo: 7.000 (C

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.25	9.75	12.55	12.75	6.50
1.00	13.35	10.00	11.85	13.00	6.30
2.00	13.40	10.25	10.10	13.25	6.10
3.00	13.40	10.50	9.45	13.50	5.95
4.00	13.40	10.75	8.70	13.75	5.85
5.00	13.40	11.00	8.25	14.00	5.80
6.00	13.40	11.25	7.80	15.00	5.50
7.00	13.40	11.50	7.80	16.00	5.20
8.00	13.35	11.75	7.50	17.00	5.15
9.00	13.30	12.00	7.00	18.00	4.95
9.25	13.20	12.25	6.85	19.00	4.85
9.50	13.15	12.50	6.70	19.50	4.80

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Lake # 373 25 OCT 83 (Day 298) Time: 11 48 CD
Air Temperature: 6 (C) Wind: SW 15 - 20 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 5.8 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.7 (C)
Epilimnion Temperature: 7.7 (C) Epilimnion Depth (1 C/M): 16.5 (M
Planar-Thermocline : 16.5 (M) Change at Planar-Thermo: 1.400 (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.70	7.00	7.70	14.00	7.60
1.00	7.70	8.00	7.70	15.00	7.50
2.00	7.70	9.00	7.70	16.00	7.30
3.00	7.70	10.00	7.70	17.00	5.90
4.00	7.70	11.00	7.70	18.00	5.70
5.00	7.70	12.00	7.60	19.00	5.50
6.00	7.70	13.00	7.60	19.50	5.40

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Lake # 374 6 JUL 83 (Day 187) Time: 09 45 CD
Air Temperature: Wind: SE 15 - 25 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.9 (C)
Epilimnion Temperature: 17.9 (C) Epilimnion Depth (1 C/M): 7.375 (
Planar-Thermocline : 7.625 (M) Change at Planar-Thermo: 7.600 (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.90	8.25	13.10	18.00	5.70
1.00	17.90	8.50	12.70	19.00	5.60
2.00	17.80	8.75	12.30	20.00	5.50
3.00	17.80	9.00	12.00	21.00	5.40
4.00	17.70	10.00	11.10	22.00	5.30
5.00	17.70	11.00	10.40	23.00	5.20
6.00	17.60	12.00	9.50	24.00	5.20
7.00	17.60	13.00	8.80	25.00	5.20
7.25	17.40	14.00	8.10	26.00	5.10
7.50	16.40	15.00	7.00	27.00	5.00
7.75	14.50	16.00	6.30	27.50	5.00
8.00	13.60	17.00	5.90		

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Lake # 374 2 AUG 83 (Day 214) Time: 09 30 CDT
Air Temperature: 21 (C) Wind: SW 20 - 25 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 6.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.3 (C)
Epilimnion Temperature: 23.3 (C) Epilimnion Depth (1 C/M): 6.625 (M
Planar-Thermocline : 6.875 (M) Change at Planar-Thermo: 5.200 (C/M

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.30	8.25	16.60	14.00	7.20
1.00	23.30	8.50	16.20	15.00	6.90
2.00	23.30	8.75	15.60	16.00	6.50
3.00	23.30	9.00	15.00	17.00	6.30
4.00	23.30	9.25	14.30	18.00	6.00
5.00	23.30	9.50	13.60	19.00	5.90
6.00	23.30	9.75	12.40	20.00	5.80
6.25	23.20	10.00	11.10	21.00	5.60
6.50	23.20	10.25	10.40	22.00	5.50
6.75	22.50	10.50	9.60	23.00	5.40
7.00	21.20	10.75	9.30	24.00	5.30
7.25	20.00	11.00	9.10	25.00	5.30
7.50	19.30	12.00	8.30	26.00	5.20
7.75	18.60	13.00	7.70	27.00	5.10
8.00	17.50				

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Lake # 374 17 AUG 83 (Day 229) Time: 10 30 CD
Air Temperature: 23 (C) Wind: S 10 - 15 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 8.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.85 (C)
Epilimnion Temperature: 21.9 (C) Epilimnion Depth (1 C/M): 6.05 (M
Planar-Thermocline : 6.05 (M) Change at Planar-Thermo: . (C/

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.85	8.75	16.65	13.00	7.45
1.00	21.90	9.00	14.65	14.00	7.05
2.00	21.90	9.25	13.55	15.00	6.55
3.00	21.85	9.50	12.70	16.00	5.90
4.00	21.80	9.75	12.20	18.00	5.70
5.00	21.85	10.00	11.40	19.00	5.40
6.00	21.80	10.25	10.85	20.00	5.10
6.10	5.90	10.50	10.50	21.00	4.95
7.00	21.80	10.75	9.95	22.00	4.85
7.25	21.75	11.00	9.50	23.00	4.70
7.50	21.50	11.25	9.00	24.00	4.70
7.75	20.25	11.50	8.70	25.00	4.60
8.00	19.65	11.75	8.40	26.00	4.60
8.25	18.85	12.00	8.25	27.00	4.60
8.50	17.70				

Lake # 374 30 AUG 83 (Day 242) Time: 10 05 CDT
Air Temperature: 26 (C) Wind: SE 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.2 (C)
Epilimnion Temperature: 22.1 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.20	9.25	14.00	16.00	6.80
1.00	22.10	9.50	13.20	17.00	6.40
2.00	22.10	9.75	12.75	18.00	5.90
3.00	22.10	10.00	11.80	19.00	5.70
4.00	22.10	10.25	11.10	20.00	5.50
5.00	22.10	10.50	10.70	21.00	5.40
6.00	22.00	10.75	10.40	22.00	5.30
7.00	21.30	11.00	10.00	23.00	5.20
8.00	20.70	12.00	9.00	24.00	5.10
8.25	20.10	13.00	8.30	25.00	5.10
8.50	19.10	14.00	7.60	26.00	5.00
8.75	16.50	15.00	7.00	27.00	5.00
9.00	15.40				

Lake # 374 27 SEP 83 (Day 270) Time: 12 21 CDT
Air Temperature: 21 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 5 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.3 (C)
Epilimnion Temperature: 13 (C) Epilimnion Depth (1 C/M): 13.125 (M)
Planar-Thermocline : 13.625 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.30	12.00	11.80	15.75	6.70
1.00	13.00	13.00	11.40	16.00	6.30
2.00	12.90	13.25	11.00	17.00	5.90
3.00	12.80	13.50	10.20	18.00	5.60
4.00	12.80	13.75	9.00	19.00	5.40
5.00	12.70	14.00	8.60	20.00	5.30
6.00	12.60	14.25	8.20	21.00	5.20
7.00	12.50	14.50	7.90	22.00	5.00
8.00	12.40	14.75	7.60	23.00	5.00
9.00	12.20	15.00	7.40	24.00	4.90
10.00	12.20	15.25	7.00	25.00	4.80
11.00	12.10	15.50	6.90	26.00	4.70

Lake # 374 14 SEP 83 (Day 257) Time: 10 50 CDT
Air Temperature: 16.5 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 8 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 17.6 (C)
Epilimnion Temperature: 17.6 (C) Epilimnion Depth (1 C/M): 10.125 (M)
Planar-Thermocline : 10.375 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.60	10.75	13.50	17.00	6.50
1.00	17.60	11.00	12.60	18.00	6.20
2.00	17.50	11.25	11.30	19.00	6.00
3.00	17.50	11.50	10.70	20.00	5.50
4.00	17.50	11.75	10.20	21.00	5.60
5.00	17.50	12.00	9.80	22.00	5.50
6.00	17.50	12.25	9.50	23.00	5.40
7.00	17.50	12.50	9.20	24.00	5.30
8.00	17.50	12.75	8.80	25.00	5.20
9.00	17.50	13.00	8.50	26.00	5.10
10.00	17.50	14.00	7.90	27.00	5.00
10.25	16.30	15.00	7.40	28.00	5.00
10.50	14.80	16.00	6.80		

Lake # 374 25 OCT 83 (Day 298) Time: 10 33 CDT
Air Temperature: 4 (C) Wind: W 10 - 15 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 6.4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7.9 (C)
Epilimnion Temperature: 8 (C) Epilimnion Depth (1 C/M): 20.5 (M)
Planar-Thermocline : 20.5 (M) Change at Planar-Thermo: 1.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.90	10.00	8.00	19.00	8.00
1.00	8.00	11.00	8.00	20.00	7.80
2.00	8.00	12.00	8.00	21.00	6.80
3.00	8.00	13.00	8.00	22.00	5.90
4.00	8.00	14.00	8.00	23.00	5.60
5.00	8.00	15.00	8.00	24.00	5.40
6.00	8.00	16.00	8.00	25.00	5.30
7.00	8.00	17.00	8.00	26.00	5.20
8.00	8.00	18.00	8.00	27.00	5.00
9.00	8.00				

Lake # 375 0 JUN 83 (Day 151) Time: 08 50 CDT
Air Temperature: 15 (C) Wind: N 0 - 2 KMPH
Cloud Cover: 5 /10 Weather Description:
Secchi Visibility: 4.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.2 (C)
Epilimnion Temperature: 13.2 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.20	5.75	8.90	16.00	4.50
1.00	13.20	6.00	8.50	17.00	4.50
2.00	13.00	7.00	7.70	18.00	4.40
3.00	12.90	8.00	7.10	19.00	4.40
4.00	12.60	9.00	6.50	20.00	4.40
4.25	12.30	10.00	5.80	21.00	4.30
4.50	12.30	11.00	5.40	22.00	4.30
4.75	12.20	12.00	5.10	23.00	4.30
5.00	11.00	13.00	4.90	24.00	4.30
5.25	10.20	14.00	4.70	25.00	4.20
5.50	9.60	15.00	4.60		

Lake # 375 28 JUN 83 (Day 179) Time: 09 43 CDT
Air Temperature: 22 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 7.4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.85 (C)
Epilimnion Temperature: 19.85 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.85	5.75	10.35	13.00	4.15
1.00	19.85	6.00	9.85	14.00	3.95
2.00	19.70	6.25	9.40	15.00	3.85
3.00	19.40	6.50	8.75	16.00	3.80
3.25	19.25	6.75	8.35	17.00	3.75
3.50	19.15	7.00	7.80	18.00	3.70
3.75	17.85	7.25	7.35	19.00	3.65
4.00	16.75	7.50	6.95	20.00	3.65
4.25	15.55	7.75	6.75	21.00	3.60
4.50	14.95	8.00	6.50	22.00	3.55
4.75	14.35	9.00	5.70	23.00	3.50
5.00	13.30	10.00	4.90	24.00	3.50
5.25	12.65	11.00	4.60	25.00	3.50
5.50	11.70	12.00	4.25		

Lake # 375 16 JUN 83 (Day 167) Time: 10 47 CDT
Air Temperature: 13 (C) Wind: NW 20 - 25 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 16.7 (C)
Epilimnion Temperature: 16.7 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.70	6.25	9.80	14.00	4.70
1.00	16.70	6.50	9.40	15.00	4.60
2.00	16.70	6.75	8.70	16.00	4.50
3.00	16.70	7.00	8.20	17.00	4.40
4.00	16.50	7.25	7.90	18.00	4.40
4.25	15.80	7.50	7.50	19.00	4.40
4.50	15.30	7.75	7.20	20.00	4.30
4.75	14.50	8.00	6.90	21.00	4.30
5.00	13.30	9.00	6.20	22.00	4.30
5.25	12.40	10.00	5.70	23.00	4.20
5.50	11.70	11.00	5.40	24.00	4.20
5.75	11.00	12.00	5.10	25.00	4.20
6.00	10.30	13.00	4.90		

Lake # 375 12 JUL 83 (Day 193) Time: 14 15 CDT
Air Temperature: 26 (C) Wind: SW 15 - 20 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 7.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.25 (C)
Epilimnion Temperature: 21 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.25	5.75	12.20	13.00	4.30
1.00	21.00	6.00	10.70	14.00	4.10
2.00	20.20	6.25	10.25	15.00	4.00
3.00	19.90	6.50	9.70	16.00	3.90
3.25	19.80	6.75	9.15	17.00	3.85
3.50	19.80	7.00	8.70	18.00	3.80
3.75	19.20	7.25	7.90	19.00	3.80
4.00	18.70	7.50	7.60	20.00	3.70
4.25	18.05	7.75	7.35	21.00	3.70
4.50	17.00	8.00	6.95	22.00	3.60
4.75	16.10	9.00	6.10	23.00	3.60
5.00	15.10	10.00	5.40	24.00	3.50
5.25	14.30	11.00	4.90	25.00	3.50
5.50	13.50	12.00	4.60		

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Lake # 375 26 JUL 83 (Day 207) Time: 08 50 CDT
Air Temperature: 22 (C) Wind: SW 10 - 20 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 5.9 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.95 (C)
Epilimnion Temperature: 22.95 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 7.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.95	6.00	11.35	12.00	4.60
1.00	22.95	6.25	10.55	13.00	4.40
2.00	22.95	6.50	9.70	14.00	4.20
3.00	22.95	6.75	9.25	15.00	4.05
3.25	22.80	7.00	8.85	16.00	3.95
3.50	22.70	7.25	8.30	17.00	3.90
3.75	22.05	7.50	7.90	18.00	3.85
4.00	21.10	7.75	7.50	19.00	3.80
4.25	20.45	8.00	7.10	20.00	3.75
4.50	18.50	8.25	6.85	21.00	3.75
4.75	16.55	8.50	6.55	22.00	3.70
5.00	15.50	8.75	6.25	23.00	3.65
5.25	14.25	9.00	6.10	24.00	3.65
5.50	13.75	10.00	5.55	25.00	3.60
5.75	12.20	11.00	4.95		

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Lake # 375 23 AUG 83 (Day 235) Time: 08 59 CDT
Air Temperature: 16 (C) Wind: 0 - 0 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 6.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.9 (C)
Epilimnion Temperature: 21.1 (C) Epilimnion Depth (1 C/M): 5.375 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.90	7.00	10.90	14.00	4.90
1.00	21.10	7.25	10.40	15.00	4.80
2.00	21.10	7.50	9.80	16.00	4.70
3.00	21.10	7.75	9.30	17.00	4.60
4.00	21.10	8.00	8.80	18.00	4.60
5.00	20.60	8.25	8.10	19.00	4.50
5.25	20.40	8.50	8.00	20.00	4.50
5.50	19.30	8.75	7.60	21.00	4.40
5.75	17.30	9.00	7.30	22.00	4.30
6.00	15.40	10.00	6.50	23.00	4.30
6.25	14.00	11.00	5.90	24.00	4.30
6.50	13.00	12.00	5.50	25.00	4.20
6.75	11.90	13.00	5.20		

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Lake # 375 10 AUG 83 (Day 222) Time: 09 30 CDT
Air Temperature: 20 (C) Wind: N 0 - 5 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 6.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.55 (C)
Epilimnion Temperature: 22.6 (C) Epilimnion Depth (1 C/M): 4.375 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.55	6.50	11.40	12.00	4.55
1.00	22.60	6.75	10.60	13.00	4.30
2.00	22.60	7.00	9.75	14.00	4.20
3.00	22.60	7.25	9.00	15.00	4.10
4.00	22.60	7.50	8.35	16.00	4.00
4.25	22.45	7.75	7.85	17.00	4.00
4.50	22.15	8.00	7.40	18.00	3.95
4.75	20.55	8.25	6.85	19.00	3.90
5.00	17.90	8.50	6.65	20.00	3.80
5.25	17.25	8.75	6.40	21.00	3.75
5.50	15.10	9.00	6.15	22.00	3.70
5.75	14.10	10.00	5.30	23.00	3.65
6.00	13.10	11.00	4.90	24.00	3.65
6.25	12.40				

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Lake # 375 7 SEP 83 (Day 250) Time: 09 25 CDT
Air Temperature: 14.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6.6 (M)
Inflow Temperature:
Surface Temperature: 20 (C)
Epilimnion Temperature: 20.1 (C)
Planar-Thermocline : 5.875 (M)

Wind: 0 - 0 KMPH
Weather Description:
Water Color: GREEN -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.00	7.00	10.80	14.00	4.40
1.00	20.10	7.25	10.20	15.00	4.30
2.00	20.10	7.50	9.90	16.00	4.20
3.00	20.10	7.75	9.40	17.00	4.10
4.00	20.10	8.00	8.70	18.00	4.10
5.00	20.10	8.25	7.90	19.00	4.00
5.25	20.00	8.50	7.80	20.00	3.90
5.50	20.00	8.75	7.40	21.00	3.90
5.75	18.90	9.00	7.00	22.00	3.80
6.00	16.10	10.00	6.20	23.00	3.80
6.25	14.40	11.00	5.40	24.00	3.80
6.50	13.20	12.00	4.90	25.00	3.70
6.75	11.80	13.00	4.90		

Lake # 375 24 OCT 83 (Day 297) Time: 10 51 CDT
Air Temperature: 5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 7.4 (C)
Epilimnion Temperature: 7.4 (C)
Planar-Thermocline : 12.5 (M)

Wind: S 10 - 15 KMPH
Weather Description:
Water Color: PALE -GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 24 (M)
Change at Planar-Thermo: 0.900 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.40	9.00	7.40	17.00	4.70
1.00	7.40	10.00	7.30	18.00	4.60
2.00	7.40	11.00	7.10	19.00	4.50
3.00	7.40	12.00	6.50	20.00	4.40
4.00	7.40	13.00	5.60	21.00	4.30
5 00	7.40	14.00	5.10	22.00	4.30
6.00	7.40	15.00	4.90	23.00	4.30
7.00	7.40	16.00	4.70	24.00	4.30
8.00	7.40				

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Lake # 375 20 SEP 83 (Day 263) Time: 09 45 CDT
Air Temperature: 10 (C)
Cloud Cover: 10 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 13 (C)
Epilimnion Temperature: 13.1 (C)
Planar-Thermocline : 8.125 (M)

Wind: 0 - 5 KMPH
Weather Description: RAIN
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 7.375 (M)
Change at Planar-Thermo: 5.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.00	8.25	8.90	14.00	4.35
1.00	13.10	8.50	7.90	15.00	4.20
2.00	13.10	8.75	7.20	16.00	4.15
3.00	13.10	9.00	7.05	17.00	4.05
4.00	13.10	9.25	6.65	18.00	4.00
5.00	13.10	9.50	6.50	19.00	3.95
6.00	13.10	9.75	6.20	20.00	3.90
7.00	12.70	10.00	6.05	21.00	3.80
7.25	12.50	11.00	5.30	22.00	3.80
7.50	12.25	12.00	4.95	23.00	3.75
7.75	11.15	13.00	4.60	24.00	3.75
8.00	10.15				

Lake # 382 11 MAY 77 (Day 131) Time: 08 30 CDT
Air Temperature: 12.7 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.9 (M) Water Color: GREEN -BROWN
Inflow Temperature: Outflow Temperature: 12.35 (C)
Surface Temperature: 11.66 (C)
Epilimnion Temperature: 11.66 (C) Epilimnion Depth (1 C/M): 3.75 (M)
Planar-Thermocline : 4.625 (M) Change at Planar-Thermo: 3.280 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.66	4.50	10.27	8.50	6.08
0.50	11.66	4.75	9.45	9.00	5.83
1.00	11.66	5.00	9.29	9.50	5.66
1.50	11.66	5.50	8.98	10.00	5.47
2.00	11.66	6.00	8.42	10.50	5.34
2.50	11.66	6.50	7.69	11.00	5.32
3.00	11.66	7.00	7.42	11.50	5.27
3.50	11.62	7.50	6.70	12.00	5.27
4.00	10.97	8.00	6.29	12.25	5.22

Lake # 382 6 JUL 77 (Day 187) Time: 11 20 CDT
Air Temperature: 21.43 (C) Wind: 0 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 21.72 (C)
Surface Temperature: 22.3 (C)
Epilimnion Temperature: 22.2 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 5.875 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.30	5.00	16.81	7.50	9.69
1.00	22.20	5.25	15.87	8.00	9.05
2.00	22.13	5.50	14.89	8.50	8.78
2.50	21.74	5.75	14.11	9.00	8.40
3.00	21.48	6.00	12.91	9.50	8.07
3.50	20.81	6.25	12.59	10.00	7.85
4.00	19.82	6.50	12.10	11.00	7.45
4.50	18.64	6.75	11.24	12.00	7.43
4.75	17.95	7.00	11.14		

Lake # 382 8 JUN 77 (Day 159) Time: 11 00 CDT
Air Temperature: 14 (C) Wind: 8 - 13 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.25 (M) Water Color: PALE -BROWN
Inflow Temperature: Outflow Temperature: 19.09 (C)
Surface Temperature: 19.33 (C)
Epilimnion Temperature: 19.57 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 4.375 (M) Change at Planar-Thermo: 8.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.33	4.25	16.56	8.00	8.10
0.50	19.40	4.50	14.33	8.50	7.43
1.00	19.57	4.75	13.45	9.00	6.98
1.50	19.57	5.00	13.08	9.50	6.75
2.00	19.57	5.25	12.60	10.00	6.60
2.50	19.57	5.50	12.24	10.50	6.56
3.00	19.57	6.00	11.27	11.00	6.49
3.50	19.57	6.50	9.95	11.50	6.41
3.75	19.52	7.00	9.17	12.00	6.38
4.00	17.44	7.50	8.40		

Lake # 382 3 AUG 77 (Day 215) Time: 10 50 CDT
Air Temperature: 19.6 (C) Wind: 3 - 5 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 4.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 19.78 (C)
Surface Temperature: 20.31 (C)
Epilimnion Temperature: 20.31 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.31	5.75	14.76	8.00	8.75
1.00	20.31	6.00	14.05	8.50	8.52
2.00	20.25	6.25	13.09	9.00	7.87
3.00	20.08	6.50	12.44	9.50	7.62
4.00	20.03	6.75	11.46	10.00	7.36
5.00	19.62	7.00	10.42	11.00	6.90
5.25	18.65	7.25	9.57	12.00	6.80
5.50	17.63	7.50	9.36		

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Lake # 382 0 SEP 77 (Day 243) Time: 08 40 CDT
Air Temperature: 15.28 (C) Wind: 2 - 3 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 16 (C)
Surface Temperature: 17.15 (C)
Epilimnion Temperature: 17.2 (C) Epilimnion Depth (1 C/M): 6.375 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.15	6.50	16.25	8.50	8.69
1.00	17.20	6.75	14.05	8.75	8.37
2.00	17.22	7.00	13.45	9.00	7.97
3.00	17.22	7.25	12.39	10.00	7.27
4.00	17.24	7.50	11.47	11.00	7.17
5.00	17.07	7.75	10.70	12.00	7.07
6.00	16.77	8.00	10.21	12.50	6.98
6.25	16.59	8.25	9.01		

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Lake # 382 28 SEP 77 (Day 271) Time: 08 50 CDT
Air Temperature: 12 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 12.38 (C)
Surface Temperature: 12.78 (C)
Epilimnion Temperature: 12.81 (C) Epilimnion Depth (1 C/M): 8.125 (M)
Planar-Thermocline : 8.625 (M) Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.78	6.00	12.78	9.00	9.16
1.00	12.81	7.00	12.72	9.50	7.80
2.00	12.81	8.00	12.64	10.00	7.69
3.00	12.81	8.25	11.96	11.00	7.29
4.00	12.81	8.50	11.14	12.00	7.13
5.00	12.81	8.75	9.44	12.25	7.13

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Lake # 382 26 OCT 77 (Day 299) Time: 10 20 CDT
Air Temperature: 5.87 (C) Wind: 0 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature: 6.74 (C)
Surface Temperature: 7.43 (C)
Epilimnion Temperature: 7.44 (C) Epilimnion Depth (1 C/M): 12.25 (M)
Planar-Thermocline : 12.125 (M) Change at Planar-Thermo: 0.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.43	5.00	7.44	10.00	7.44
1.00	7.44	6.00	7.44	11.00	7.44
2.00	7.44	7.00	7.44	12.00	7.44
3.00	7.45	8.00	7.44	12.25	7.42
4.00	7.45	9.00	7.44		

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Lake # 382 17 MAY 78 (Day 137) Time: 10 23 CDT
Air Temperature: 17 (C) Wind: 8 - 16 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 16.05 (C)
Surface Temperature: 14.34 (C)
Epilimnion Temperature: 14.27 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: 7.320 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.34	3.50	8.79	6.50	6.74
1.00	14.27	4.00	8.19	7.00	6.46
2.00	14.03	4.50	7.69	8.00	6.00
2.25	12.61	5.00	7.62	9.00	5.36
2.50	10.78	5.50	7.25	10.00	5.21
2.75	9.61	6.00	6.82	11.00	5.02
3.00	9.17				

Lake # 382 14 JUN 78 (Day 165) Time: 06 25 CDT
Air Temperature: 13 (C) Wind: 11 - 16 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 16 (C)
Surface Temperature: 16.06 (C)
Epilimnion Temperature: 16.08 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 8.240 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.06	4.25	13.38	6.50	6.88
1.00	16.08	4.50	12.55	7.00	6.70
2.00	16.08	4.75	11.98	7.50	6.32
3.00	15.72	5.00	9.92	8.00	6.00
3.25	14.86	5.25	9.25	8.50	5.80
3.50	14.65	5.50	8.74	9.00	5.67
3.75	14.13	5.75	8.12	10.00	5.46
4.00	13.81	6.00	7.42	11.00	5.27

Lake # 382 9 AUG 78 (Day 221) Time: 06 00 CDT
Air Temperature: 13.55 (C) Wind: 0 - 3 KMPH
Cloud Cover: Weather Description:
Secchi Visibility: 4.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature: 18.5 (C)
Surface Temperature: 19.2 (C)
Epilimnion Temperature: 19.31 (C) Epilimnion Depth (1 C/M): 4.875 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.20	5.50	15.77	8.00	7.06
1.00	19.31	5.75	13.20	8.50	6.70
2.00	19.34	6.00	11.61	9.00	6.09
3.00	19.34	6.25	10.57	9.50	5.80
4.00	19.35	6.50	9.54	10.00	5.66
4.75	18.79	6.75	8.89	11.00	5.51
5.00	18.13	7.00	8.58	12.00	5.51
5.25	16.87	7.50	7.66		

Lake # 382 12 JUL 78 (Day 193) Time: 07 00 CDT
Air Temperature: 17.83 (C) Wind: 19 - 24 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: BROWN -ORANGE
Inflow Temperature: Outflow Temperature: 20 (C)
Surface Temperature: 20.78 (C)
Epilimnion Temperature: 20.78 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.78	5.25	11.92	7.50	6.85
1.00	20.78	5.50	11.22	8.00	6.40
2.00	20.78	5.75	10.61	8.50	6.16
3.00	20.76	6.00	10.08	9.00	6.03
4.00	20.75	6.25	9.24	9.50	5.82
4.25	16.83	6.50	8.69	10.00	5.71
4.50	15.76	6.75	8.12	11.00	5.52
4.75	13.17	7.00	7.83	12.00	5.47
5.00	12.61				

Lake # 382 6 SEP 78 (Day 249) Time: 07 10 CDT
Air Temperature: 19.8 (C) Wind: 3 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.2 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature: 21.5 (C)
Surface Temperature: 21.46 (C)
Epilimnion Temperature: 21.39 (C) Epilimnion Depth (1 C/M): 1.625 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 6.960 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.46	5.00	18.15	7.75	9.30
1.00	21.39	5.25	17.57	8.00	8.47
1.50	21.05	5.50	17.52	8.25	7.59
1.75	20.33	5.75	16.77	8.50	7.26
2.00	20.22	6.00	15.59	8.75	7.07
2.50	20.08	6.25	13.85	9.00	6.90
2.75	19.58	6.50	12.59	10.00	6.24
3.00	19.05	6.75	11.76	11.00	6.13
3.50	19.02	7.00	10.85	12.00	6.03
4.00	18.81	7.25	10.58	12.10	6.03
4.50	18.46	7.50	10.10		

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Lake # 382 4 OCT 78 (Day 277) Time: 06 55 CDT
Air Temperature: 6.52 (C) Wind: 0 - 8 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: PALE -YELLOW
Inflow Temperature: Outflow Temperature: 11.72 (C)
Surface Temperature: 12.23 (C)
Epilimnion Temperature: 12.32 (C) Epilimnion Depth (1 C/M): 8.375 (M)
Planar-Thermocline : 8.375 (M) Change at Planar-Thermo: 6.680 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.23	6.00	12.32	8.75	8.95
1.00	12.32	7.00	12.32	9.00	7.97
2.00	12.32	7.50	12.00	10.00	6.63
3.00	12.32	8.00	11.66	11.00	6.31
4.00	12.32	8.25	11.53	12.00	6.19
5.00	12.32	8.50	9.86		

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Lake # 382 5 JUN 79 (Day 156) Time: 08 35 CDT
Air Temperature: 14 (C) Wind: 8 - 11 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.78 (C)
Epilimnion Temperature: 14.75 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 9.920 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.78	4.50	9.05	6.50	7.42
1.00	14.75	4.75	8.70	6.75	7.34
2.00	14.75	5.00	8.38	7.00	7.18
3.00	14.73	5.25	8.20	8.00	6.70
3.25	14.23	5.50	7.99	9.00	6.48
3.50	13.62	5.75	7.84	10.00	6.18
3.75	12.93	6.00	7.71	11.00	6.10
4.00	12.05	6.25	7.56	11.75	5.96
4.25	9.57				

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Lake # 382 3 JUL 79 (Day 184) Time: 08 25 CDT
Air Temperature: 18.32 (C) Wind: 3 - 8 KMPH
Cloud Cover: 9 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature: 21 (C)
Surface Temperature: 21.39 (C)
Epilimnion Temperature: 21.42 (C) Epilimnion Depth (1 C/M): 2.875 (M)
Planar-Thermocline : 4.125 (M) Change at Planar-Thermo: 6.560 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.39	4.50	14.65	7.25	7.59
1.00	21.42	4.75	13.75	7.50	7.39
2.00	21.42	5.00	12.72	7.75	7.19
2.25	21.37	5.25	11.87	8.00	7.10
2.50	21.37	5.50	10.50	8.25	6.77
2.75	21.41	5.75	10.04	8.50	6.75
3.00	20.89	6.00	9.36	8.75	6.57
3.25	19.67	6.25	8.72	9.00	6.53
3.50	19.14	6.50	8.43	10.00	6.48
3.75	18.41	6.75	8.32	11.00	6.42
4.00	17.34	7.00	7.88	11.75	6.16
4.25	15.70				

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Lake # 382 0 AUG 79 (Day 212) Time: 08 07 CDT
Air Temperature: 16.25 (C) Wind: -
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.7 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 21.54 (C)
Epilimnion Temperature: 21.6 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 7.080 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.54	5.50	13.56	7.75	7.77
1.00	21.60	5.75	12.46	8.00	7.57
2.00	21.61	6.00	11.16	8.25	7.17
3.00	21.62	6.25	10.20	8.50	7.12
4.00	21.33	6.50	9.45	8.75	6.87
4.25	19.90	6.75	9.07	9.00	6.79
4.50	18.86	7.00	8.56	10.00	6.55
4.75	17.25	7.25	8.42	11.00	6.30
5.00	15.48	7.50	7.91	11.75	6.17
5.25	14.22				

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Lake # 382 28 AUG 79 (Day 240) Time: 08 15 CDT
Air Temperature: 15.98 (C) Wind: 8 - 16 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.01 (C)
Epilimnion Temperature: 18.05 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 7.120 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.01	6.25	13.24	8.50	7.26
1.00	18.05	6.50	12.19	8.75	7.13
2.00	18.05	6.75	11.44	9.00	7.08
3.00	18.03	7.00	10.58	9.25	6.97
4.00	18.02	7.25	9.84	9.50	6.90
5.00	17.71	7.50	9.35	9.75	6.87
5.25	17.46	7.75	8.95	10.00	6.84
5.50	16.85	8.00	8.03	11.00	6.71
5.75	15.81	8.25	7.49	11.75	6.57
6.00	15.02				

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Lake # 382 25 SEP 79 (Day 268) Time: 08 40 CDT
Air Temperature: 12.5 (C) Wind: 0 - 3 KMPH
Cloud Cover: 1 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 3.6 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.93 (C)
Epilimnion Temperature: 13.94 (C) Epilimnion Depth (1 C/M): 7.125 (M)
Planar-Thermocline : 7.875 (M) Change at Planar-Thermo: 6.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.93	7.00	13.63	9.50	7.41
1.00	13.94	7.25	13.22	9.75	7.36
2.00	13.96	7.50	12.26	10.00	7.30
3.00	13.96	7.75	11.41	10.25	7.22
4.00	13.96	8.00	9.73	10.50	7.19
5.00	13.96	8.25	9.07	10.75	7.16
6.00	13.96	8.50	8.66	11.00	6.99
6.25	13.91	8.75	7.98	11.25	6.88
6.50	13.83	9.00	7.62	11.50	6.80
6.75	13.73	9.25	7.47	11.75	6.78

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Lake # 382 23 OCT 79 (Day 296) Time: 09 00 CDT
Air Temperature: .05 (C) Wind: 5 - 7 KMPH
Cloud Cover: 10 /10 Weather Description: NO OUTFLOW
Secchi Visibility: 4 (M) Water Color: DARK -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 6.61 (C)
Epilimnion Temperature: 6.61 (C) Epilimnion Depth (1 C/M): 12 (M)
Planar-Thermocline : 1.5 (M) Change at Planar-Thermo: -.040 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	6.61	5.00	6.67	9.00	6.66
1.00	6.61	6.00	6.67	10.00	6.63
2.00	6.65	7.00	6.67	11.00	6.63
3.00	6.65	8.00	6.66	12.00	6.63
4.00	6.67				

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Lake # 382 21 MAY 80 (Day 141) Time: 09 00 CDT
Air Temperature: 18.02 (C) Wind: 5 - 7 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature: 16.35 (C)
Surface Temperature: 15.82 (C)
Epilimnion Temperature: 15.8 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 2.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.82	4.25	10.11	6.75	6.74
1.00	15.80	4.50	9.99	7.00	6.56
2.00	15.77	4.75	9.83	7.25	6.33
2.25	15.50	5.00	9.61	7.50	6.13
2.50	12.07	5.25	9.36	7.75	6.01
2.75	11.71	5.50	8.42	8.00	5.98
3.00	11.27	5.75	8.10	9.00	5.49
3.50	10.68	6.00	7.74	10.00	5.32
3.75	10.42	6.25	7.33	11.00	5.19
3.75	10.42	6.50	6.97	12.00	5.10
4.00	10.29				

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Lake # 382 18 JUN 80 (Day 169) Time: 09 00 CDT
Air Temperature: 15.51 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 18.2 (C)
Epilimnion Temperature: 18.21 (C)
Planar-Thermocline : 5.125 (M)

Wind: 2 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.875 (M)
Change at Planar-Thermo: 6.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.20	5.25	12.35	7.75	7.12
1.00	18.21	5.50	10.96	8.00	6.66
2.00	18.21	5.75	10.54	8.25	6.38
3.00	18.21	6.00	9.74	8.50	6.20
3.50	18.18	6.25	9.53	8.75	6.16
3.75	18.02	6.50	8.63	9.00	6.01
4.00	17.18	6.75	8.01	10.00	5.61
4.25	16.48	7.00	7.75	11.00	5.46
4.50	15.71	7.25	7.62	12.00	5.42
4.75	15.14	7.50	7.37	12.20	5.42
5.00	13.97				

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Lake # 382 16 JUL 80 (Day 197) Time: 08 40 CDT
Air Temperature: 20.35 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 23.04 (C)
Epilimnion Temperature: 23.05 (C)
Planar-Thermocline : 3.375 (M)

Wind: 5 - 7 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.04	4.75	20.31	7.00	9.11
1.00	23.05	5.00	18.41	7.25	8.61
2.00	23.05	5.25	17.16	7.50	8.21
3.00	22.86	5.50	15.05	7.75	7.96
3.25	22.70	5.75	13.70	8.00	7.50
3.50	2.64	6.00	12.53	9.00	7.01
3.75	22.51	6.25	11.77	10.00	6.80
4.00	21.55	6.50	11.09	11.00	6.50
4.25	21.05	6.75	10.59	11.25	6.32
4.50	20.80				

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Lake # 382 13 AUG 80 (Day 225) Time: 08 43 CDT
Air Temperature: 17.8 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 21.5 (C)
Epilimnion Temperature: 21.55 (C)
Planar-Thermocline : 11.125 (M)

Wind: 5 - 7 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: -. (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	21.50	6.00	16.18	8.00	8.36
1.00	21.55	6.25	14.89	8.25	8.02
2.00	21.57	6.50	13.46	8.50	7.83
3.00	21.57	6.75	12.20	8.75	7.52
4.00	21.49	7.00	11.37	9.00	7.39
5.00	20.66	7.25	10.40	10.00	6.73
5.25	20.20	7.50	9.72	11.00	6.48
5.50	19.50	7.75	8.92	11.25	9.39
5.75	17.65				

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Lake # 382 10 SEP 80 (Day 253) Time: 08 40 CDT
Air Temperature: 13.35 (C)
Cloud Cover: 1 /10
Secchi Visibility: 2.75 (M)
Inflow Temperature:
Surface Temperature: 18.42 (C)
Epilimnion Temperature: 18.48 (C)
Planar-Thermocline : 7.125 (M)

Wind: 8 - 10 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: 6.440 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.42	6.50	17.06	8.50	8.85
1.00	18.48	6.75	15.58	8.75	8.30
2.00	18.48	7.00	14.06	9.00	7.91
3.00	18.48	7.25	12.45	10.00	7.06
4.00	18.47	7.50	11.50	11.00	6.79
5.00	18.43	7.75	10.79	11.50	6.72
6.00	17.79	8.00	10.06	11.75	6.68
6.25	17.50	8.25	9.50		

Lake # 382 8 OCT 80 (Day 281) Time: 08 45 CDT
Air Temperature: 11.9 (C)
Cloud Cover: 1 /10
Secchi Visibility: 3.7 (M)
Inflow Temperature:
Surface Temperature: 10.3 (C)
Epilimnion Temperature: 10.31 (C)
Planar-Thermocline : 11.125 (M)
Wind: 10 - 20 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 10.625 (M)
Change at Planar-Thermo: 4.520 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.30	6.00	10.29	10.50	9.78
1.00	10.31	7.00	10.27	10.75	9.31
2.00	10.32	8.00	10.27	11.00	8.56
3.00	10.32	9.00	10.21	11.25	7.43
4.00	10.30	10.00	10.11	11.50	7.19
5.00	10.30	10.25	9.97		

Lake # 382 11 MAY 83 (Day 131) Time: 09 05 CDT
Air Temperature: 14 (C)
Cloud Cover: 7 /10
Secchi Visibility: 3 (M)
Inflow Temperature:
Surface Temperature: 7.6 (C)
Epilimnion Temperature: 7.6 (C)
Planar-Thermocline : 1.5 (M)
Wind: NW 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 12 (M)
Change at Planar-Thermo: 0.300 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.60	5.00	7.00	9.00	6.80
1.00	7.60	6.00	6.90	10.00	6.80
2.00	7.30	7.00	6.90	11.00	6.70
3.00	7.00	8.00	6.90	12.00	6.60
4.00	7.00				

Lake # 382 0 JUN 83 (Day 151) Time: 09 00 CDT
Air Temperature: 14 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.2 (M)
Inflow Temperature:
Surface Temperature: 12.9 (C)
Epilimnion Temperature: 12.7 (C)
Planar-Thermocline : 4.875 (M)
Wind: N 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.90	4.75	12.10	7.00	8.70
1.00	12.70	5.00	11.30	8.00	8.00
2.00	12.70	5.25	11.10	9.00	7.60
3.00	12.60	5.50	10.50	10.00	7.40
4.00	12.60	5.75	10.30	11.00	7.20
4.25	12.50	6.00	9.80	12.00	7.10
4.50	12.50				

Lake # 382 28 JUN 83 (Day 179) Time: 09 00 CDT
Air Temperature: 17 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 20.6 (C)
Planar-Thermocline : 3.875 (M)
Wind: SW 0 - 5 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.375 (M)
Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	4.75	16.10	7.00	9.80
1.00	20.60	5.00	14.90	7.25	9.40
2.00	20.60	5.25	14.00	7.50	9.00
3.00	20.60	5.50	13.30	7.75	8.60
3.25	20.40	5.75	12.60	8.00	8.40
3.50	20.00	6.00	12.00	9.00	7.80
3.75	19.60	6.25	11.30	10.00	7.40
4.00	18.40	6.50	10.80	11.00	7.30
4.25	17.60	6.75	10.20	12.00	7.00
4.50	16.70				

Lake # 382 26 JUL 83 (Day 207) Time: 09 00 CDT
Air Temperature: 23 (C)
Cloud Cover: 8 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 24.1 (C)
Epilimnion Temperature: 24.1 (C)
Planar-Thermocline : 4.125 (M)

Wind: SW 15 - 20 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.875 (M)
Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.10	4.75	19.00	7.00	10.80
1.00	24.10	5.00	17.80	7.25	10.20
2.00	24.00	5.25	16.70	7.50	9.70
3.00	24.00	5.50	15.60	7.75	9.30
3.25	24.00	5.75	14.80	8.00	9.00
3.50	24.00	6.00	13.60	9.00	8.20
3.75	24.00	6.25	12.80	10.00	7.90
4.00	22.70	6.50	11.80	11.00	7.60
4.25	21.20	6.75	11.40	11.50	7.40
4.50	20.10				

Lake # 382 20 SEP 83 (Day 263) Time: 09 03 CDT
Air Temperature: 8.5 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.4 (M)
Inflow Temperature:
Surface Temperature: 13.4 (C)
Epilimnion Temperature: 13.4 (C)
Planar-Thermocline : 7.875 (M)

Wind: SW 10 - 15 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:

Epilimnion Depth (1 C/M): 7.875 (M)
Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.40	7.00	13.30	8.50	9.20
1.00	13.40	7.25	13.30	8.75	8.90
2.00	13.40	7.50	13.20	9.00	8.70
3.00	13.40	7.75	13.00	10.00	7.90
4.00	13.40	8.00	11.10	11.00	7.60
5.00	13.40	8.25	9.90	12.00	7.30
6.00	13.40				

Lake # 382 23 AUG 83 (Day 235) Time: 08 45 CDT
Air Temperature: 20 (C)
Cloud Cover: 8 /10
Secchi Visibility:
Inflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 20.4 (C)
Planar-Thermocline : 5.875 (M)

Wind: 0 - 0 KMPH
Weather Description:
Water Color:
Outflow Temperature:

Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	6.00	13.70	8.00	8.70
1.00	20.40	6.25	13.00	8.25	8.30
2.00	20.30	6.50	11.90	8.50	8.00
3.00	20.30	6.75	11.20	8.75	7.70
4.00	20.30	7.00	10.50	9.00	7.60
5.00	20.00	7.25	9.90	10.00	7.10
5.25	19.60	7.50	9.60	11.00	6.80
5.50	18.40	7.75	9.20	11.50	6.70
5.75	16.30				

Lake # 382 18 OCT 83 (Day 291) Time: 09 20 CDT
Air Temperature: 0 (C)
Cloud Cover: 3 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 7.3 (C)
Epilimnion Temperature: 7.4 (C)
Planar-Thermocline : .5 (M)

Wind: N 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 12 (M)
Change at Planar-Thermo: -.100 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.30	5.00	7.40	9.00	7.30
1.00	7.40	6.00	7.40	10.00	7.30
2.00	7.40	7.00	7.40	11.00	7.30
3.00	7.40	8.00	7.30	12.00	7.30
4.00	7.40				

Lake # 383 11 JUL 74 (Day 192) Time: 10 00 CDT
Air Temperature: 23.8 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.6 (C)
Epilimnion Temperature: 23.5 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.60	3.00	14.38	5.00	7.01
1.00	23.50	3.25	12.62	6.00	5.71
2.00	22.35	3.50	11.39	7.00	5.38
2.25	20.08	3.75	10.40	8.00	4.90
2.50	18.31	4.00	8.90	9.00	4.80
2.75	17.35	4.50	8.10	9.50	4.75

Lake # 383 5 SEP 74 (Day 248) Time: 09 00 CDT
Air Temperature: 15.5 (C) Wind: 8 - 16 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 2.5 (M) Water Color: ORANGE-YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 14.4 (C)
Epilimnion Temperature: 14.2 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	14.40	4.25	13.00	6.00	6.70
1.00	14.20	4.50	12.40	7.00	5.80
2.00	14.02	4.75	11.65	8.00	5.45
3.00	13.90	5.00	10.25	9.10	4.78
4.00	13.29	5.50	8.45		

Lake # 383 1 AUG 74 (Day 213) Time: 09 30 CDT
Air Temperature: 15.5 (C) Wind: -
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 3.2 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19 (C)
Epilimnion Temperature: 19.18 (C) Epilimnion Depth (1 C/M): 3.125 (M)
Planar-Thermocline : 3.375 (M) Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.00	3.50	14.75	6.00	6.15
1.00	19.18	3.75	13.00	7.00	5.50
2.00	19.18	4.00	11.75	8.00	5.15
3.00	18.85	4.50	9.10	8.80	5.08
3.25	17.95	5.00	7.50		

Lake # 383 26 SEP 74 (Day 269) Time: 10 10 CDT
Air Temperature: 10 (C) Wind: 3 - 8 KMPH
Cloud Cover: 2 /10 Weather Description:
Secchi Visibility: 3.25 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 10.75 (C)
Epilimnion Temperature: 10.7 (C) Epilimnion Depth (1 C/M): 5.5 (M)
Planar-Thermocline : 6.75 (M) Change at Planar-Thermo: 4.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	10.75	4.00	10.55	7.00	6.50
1.00	10.70	5.00	10.55	8.00	5.95
2.00	10.65	6.00	9.50	9.00	5.80
3.00	10.60	6.50	8.70	9.50	5.72

Lake # 383 24 OCT 74 (Day 297) Time: 09 45 CDT
Air Temperature: 10 (C) Wind: 3 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 4.9 (C)
Epilimnion Temperature: 4.9 (C) Epilimnion Depth (1 C/M): 9.2 (M)
Planar-Thermocline : 3.5 (M) Change at Planar-Thermo: 0.050 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	4.90	4.00	4.85	8.00	4.80
1.00	4.90	5.00	4.83	9.00	4.85
2.00	4.90	6.00	4.80	9.20	4.85
3.00	4.90	7.00	4.80		

Lake # 383 20 MAY 75 (Day 140) Time: 09 30 CDT
Air Temperature: 16.2 (C) Wind: -
Cloud Cover: 7 /10 Weather Description:
Secchi Visibility: 2.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.25 (C)
Epilimnion Temperature: 17.72 (C) Epilimnion Depth (1 C/M): 1.5 (M)
Planar-Thermocline : 3.125 (M) Change at Planar-Thermo: 9.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.25	3.00	10.88	5.00	5.37
1.00	17.72	3.25	8.45	6.00	4.75
2.00	14.96	3.50	7.85	7.00	4.36
2.25	13.73	3.75	7.07	8.00	4.26
2.50	12.42	4.00	6.41	8.50	4.24

Lake # 383 17 JUN 75 (Day 168) Time: 09 10 CDT
Air Temperature: 18 (C) Wind: 0 - 8 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 3.6 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.12 (C)
Epilimnion Temperature: 19.06 (C) Epilimnion Depth (1 C/M): 2.25 (M)
Planar-Thermocline : 2.875 (M) Change at Planar-Thermo: 8.640 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.12	3.25	13.30	6.00	5.96
1.00	19.06	3.50	12.17	7.00	5.04
2.00	18.45	3.75	10.98	8.00	4.61
2.50	17.55	4.00	10.18	9.00	4.43
2.75	16.10	5.00	7.42	9.50	4.41
3.00	13.94				

Lake # 383 15 JUL 75 (Day 196) Time: 10 00 CDT
Air Temperature: 24 (C) Wind: 16 - 32 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.4 (M) Water Color: YELLOW-ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.45 (C)
Epilimnion Temperature: 20.44 (C) Epilimnion Depth (1 C/M): 2.125 (M)
Planar-Thermocline : 3.625 (M) Change at Planar-Thermo: 8.760 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.45	3.25	17.77	5.00	7.71
1.00	20.44	3.50	15.67	5.50	6.54
2.00	20.93	3.75	13.48	6.00	5.86
2.25	20.53	4.00	11.74	7.00	5.08
2.50	20.36	4.25	10.82	8.00	4.73
2.75	20.07	4.50	9.96	9.00	4.52
3.00	19.22	4.75	8.66	9.50	4.52

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Lake # 383 12 AUG 75 (Day 224) Time: 09 10 CDT
Air Temperature: 21 (C) Wind: -
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 20.89 (C)
Epilimnion Temperature: 20.84 (C) Epilimnion Depth (1 C/M): 3.25 (M)
Planar-Thermocline : 4.875 (M) Change at Planar-Thermo: 8.480 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.89	4.25	15.34	5.75	7.75
1.00	20.84	4.50	14.42	6.00	7.26
2.00	20.58	4.75	12.38	7.00	5.80
3.00	20.21	5.00	10.26	8.00	5.21
3.50	19.60	5.25	9.58	9.00	4.91
3.75	19.01	5.50	8.66	9.50	4.86
4.00	17.01				

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Lake # 383 9 SEP 75 (Day 252) Time: 09 30 CDT
Air Temperature: 11.4 (C) Wind: 8 - 16 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: ORANGE
Inflow Temperature: Outflow Temperature:
Surface Temperature: 15.07 (C)
Epilimnion Temperature: 15.14 (C) Epilimnion Depth (1 C/M): 4.25 (M)
Planar-Thermocline : 5.125 (M) Change at Planar-Thermo: 9.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	15.07	4.75	14.07	6.00	8.23
1.00	15.14	5.00	12.92	6.50	6.84
2.00	15.15	5.25	10.67	7.00	6.42
3.00	15.14	5.50	9.54	8.00	5.10
4.00	15.03	5.75	8.55	9.00	4.85
4.50	14.51				

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Lake # 383 7 OCT 75 (Day 280) Time: 09 30 CDT
Air Temperature: 14.7 (C) Wind: 0 - 8 KMPH
Cloud Cover: 3 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: ORANGE-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 11.47 (C)
Epilimnion Temperature: 11.38 (C) Epilimnion Depth (1 C/M): 6.25 (M)
Planar-Thermocline : 6.25 (M) Change at Planar-Thermo: 3.720 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.47	4.00	11.31	7.00	7.45
1.00	11.38	5.00	11.26	7.50	6.86
2.00	11.37	6.00	10.74	8.00	6.22
3.00	11.34	6.50	8.88	8.50	5.75

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Lake # 383 4 NOV 75 (Day 308) Time: 09 15 CST
Air Temperature: 11.63 (C) Wind: 0 - 8 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 2.75 (M) Water Color: BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 5.8 (C)
Epilimnion Temperature: 5.87 (C) Epilimnion Depth (1 C/M): 8.75 (M)
Planar-Thermocline : .5 (M) Change at Planar-Thermo: -.070 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	5.80	4.00	5.76	7.00	5.76
1.00	5.87	5.00	5.76	8.00	5.76
2.00	5.80	6.00	5.76	8.75	5.75
3.00	5.76				

Lake # 622 6 JUN 83 (Day 157) Time: 09 15 CDT
Air Temperature: 17 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 12.85 (C)
Epilimnion Temperature: 12.8 (C)
Planar-Thermocline : 4.875 (M)
Wind: S 15 - 25 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: 2.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.85	7.00	8.69	15.00	5.16
1.00	12.80	7.25	8.14	16.00	4.96
2.00	12.55	7.50	8.09	17.00	4.71
3.00	12.44	7.75	7.99	18.00	4.56
4.00	12.24	8.25	7.59	19.00	4.46
4.25	11.89	8.50	7.40	20.00	4.31
4.50	11.64	8.75	7.20	21.00	4.26
4.75	11.44	9.00	7.00	22.00	4.21
5.00	10.79	10.00	6.41	23.00	4.21
5.25	10.64	11.00	6.26	24.00	4.16
5.50	10.29	12.00	5.76	25.00	4.16
5.75	9.99	13.00	5.56	26.00	4.16
6.00	9.59	14.00	5.36		

Lake # 622 4 JUL 83 (Day 185) Time: 09 15 CDT
Air Temperature: 11 (C)
Cloud Cover: 10 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 18.45 (C)
Epilimnion Temperature: 18.5 (C)
Planar-Thermocline : 4.625 (M)
Wind: SE 15 - 20 KMPH
Weather Description:
Water Color: YELLOW-GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.375 (M)
Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.45	6.50	10.20	13.00	5.05
1.00	18.50	6.75	9.85	14.00	4.80
2.00	18.50	7.00	9.40	15.00	4.65
3.00	18.50	7.25	9.05	16.00	4.50
4.00	18.50	7.50	8.70	17.00	4.35
4.25	18.45	7.75	8.40	18.00	4.25
4.50	18.15	8.00	8.10	19.00	4.10
4.75	15.95	8.25	7.60	20.00	4.00
5.00	14.80	8.50	7.25	21.00	4.00
5.25	13.45	8.75	6.95	22.00	3.95
5.50	12.10	9.00	6.95	23.00	3.90
5.75	11.25	10.00	6.10	24.00	3.90
6.00	10.95	11.00	5.70	25.00	3.90
6.25	10.45	12.00	5.[illegible]	26.00	3.90

Lake # 622 23 JUN 83 (Day 174) Time: 10 15 CDT
Air Temperature: 21.5 (C)
Cloud Cover: 1 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 20.1 (C)
Epilimnion Temperature: 19.7 (C)
Planar-Thermocline : 4.125 (M)
Wind: 0 - 0 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.10	6.00	11.10	12.00	6.10
1.00	19.70	6.25	10.70	13.00	5.80
2.00	19.40	6.50	10.50	14.00	5.70
3.00	19.20	6.75	10.30	15.00	5.50
3.25	19.00	7.00	10.10	16.00	5.30
3.50	19.00	7.25	9.90	17.00.	5.20
3.75	18.10	7.50	9.50	18.00	5.00
4.00	17.20	7.75	9.20	19.00	4.90
4.25	16.20	8.00	8.90	20.00	4.80
4.50	15.30	8.25	8.40	21.00	4.70
4.75	14.70	8.50	8.20	22.00	4.60
5.00	14.10	8.75	8.00	23.00	4.60
5.25	13.10	9.00	7.80	24.00	4.60
5.50	12.40	10.00	7.00	25.00	4.60
5.75	11.70	11.00	6.50	26.00	4.60

Lake # 622 20 JUL 83 (Day 201) Time: 14 30 CDT
Air Temperature: 27 (C)
Cloud Cover: 8 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 25 (C)
Epilimnion Temperature: 24.4 (C)
Planar-Thermocline : 5.125 (M)
Wind: NE 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Thermo: 7.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	25.00	6.25	12.10	14.00	5.80
1.00	24.40	6.50	11.70	15.00	5.50
2.00	24.00	6.75	11.40	16.00	5.40
3.00	23.60	7.00	11.00	17.00	5.20
3.25	23.40	7.25	10.60	18.00	5.10
3.50	23.20	7.50	10.30	19.00	5.00
3.75	22.70	7.75	9.90	20.00	4.90
4.00	22.20	8.00	9.50	21.00	4.80
4.25	21.60	8.25	9.10	22.00	4.70
4.50	20.90	8.50	8.70	23.00	4.70
4.75	19.80	8.75	8.40	24.00	4.70
5.00	18.50	9.00	8.10	25.00	4.70
5.25	16.70	10.00	7.30	26.00	4.70
5.50	15.40	11.00	6.60	27.00	4.70
5.75	14.[illegible]0	12.00	6.20	28.00	4.70
6.00	13.20	13.00	5.90		

Lake # 622 1 AUG 83 (Day 213) Time: 10 03 CDT
Air Temperature: 24 (C) Wind: NW 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 6.2 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 23.8 (C)
Epilimnion Temperature: 23.4 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.80	6.50	12.30	13.00	6.00
1.00	23.40	6.75	11.80	14.00	5.80
2.00	23.30	7.00	11.30	15.00	5.60
3.00	23.20	7.25	10.90	16.00	5.40
4.00	23.10	7.50	10.50	17.00	5.30
4.25	22.40	7.75	10.20	18.00	5.10
4.50	21.60	8.00	9.70	19.00	4.90
4.75	20.70	8.25	9.10	20.00	4.80
5.00	19.00	8.50	8.80	21.00	4.80
5.25	17.50	8.75	8.50	22.00	4.80
5.50	15.40	9.00	8.10	23.00	4.80
5.75	14.30	10.00	7.30	24.00	4.70
6.00	13.50	11.00	6.70	25.00	4.70
6.25	13.00	12.00	6.30	26.00	4.70

Lake # 622 29 AUG 83 (Day 241) Time: 09 00 CDT
Air Temperature: 18 (C) Wind: SW 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 5.2 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.3 (C)
Epilimnion Temperature: 22.3 (C) Epilimnion Depth (1 C/M): 4.625 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 8.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.30	6.75	13.40	12.00	6.20
1.00	22.30	7.00	12.70	13.00	5.90
2.00	22.30	7.25	11.70	14.00	5.70
3.00	22.30	7.50	11.30	15.00	5.50
4.00	22.30	7.75	10.80	16.00	5.40
4.25	22.30	8.00	10.50	17.00	5.20
4.50	22.30	8.25	9.80	18.00	5.10
4.75	21.80	8.50	9.40	19.00	5.00
5.00	20.50	8.75	8.90	20.00	4.90
5.25	20.30	9.00	8.50	21.00	4.80
5.50	19.30	9.25	7.80	22.00	4.80
5.75	18.60	9.50	7.60	23.00	4.70
6.00	17.60	9.75	7.40	24.00	4.70
6.25	15.40	10.00	7.20	25.00	4.70
6.50	14.20	11.00	6.70	26.00	4.70

Lake # 622 17 AUG 83 (Day 229) Time: 09 12 CDT
Air Temperature: 22 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22.1 (C)
Epilimnion Temperature: 22.2 (C) Epilimnion Depth (1 C/M): 5.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.10	7.00	12.00	14.00	5.70
1.00	22.20	7.25	11.30	15.00	5.50
2.00	22.20	7.50	10.70	16.00	5.30
3.00	22.20	7.75	10.30	17.00	5.20
4.00	22.20	8.00	9.80	18.00	5.00
5.00	21.30	8.25	9.30	19.00	4.90
5.25	19.90	8.50	8.90	20.00	4.80
5.50	18.00	8.75	8.50	21.00	4.80
5.75	16.50	9.00	8.20	22.00	4.80
6.00	15.00	10.00	7.30	23.00	4.70
6.25	13.70	11.00	6.60	24.00	4.70
6.50	13.20	12.00	6.30	25.00	4.70
6.75	12.40	13.00	5.90	26.00	4.70

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Lake # 622 14 SEP 83 (Day 257) Time: 09 16 CDT
Air Temperature: 9.5 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.5 (C)
Planar-Thermocline : 6.625 (M)

Wind: N 0 - 5 KMPH
Weather Description:
Water Color: PALE -YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	7.50	11.00	15.00	4.90
1.00	16.50	7.75	10.30	16.00	4.70
2.00	16.50	8.00	9.50	17.00	4.60
3.00	16.50	8.25	9.00	18.00	4.60
4.00	16.50	8.50	8.50	19.00	4.50
5.00	16.50	8.75	8.10	20.00	4.40
6.00	16.50	9.00	7.80	21.00	4.30
6.25	16.20	10.00	6.90	22.00	4.20
6.50	15.60	11.00	6.10	23.00	4.20
6.75	14.40	12.00	5.80	24.00	4.20
7.00	13.20	13.00	5.30	25.00	4.20
7.25	12.20	14.00	5.10	26.00	4.20

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Lake # 622 24 OCT 83 (Day 297) Time: 09 00 CDT
Air Temperature: 7 (C)
Cloud Cover: 10 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 7.5 (C)
Epilimnion Temperature: 7.5 (C)
Planar-Thermocline : 13.5 (M)

Wind: S 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 27 (M)
Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.50	10.00	7.30	19.00	5.00
1.00	7.50	11.00	7.20	20.00	4.90
2.00	7.50	12.00	7.00	21.00	4.90
3.00	7.50	13.00	6.50	22.00	4.90
4.00	7.50	14.00	5.90	23.00	4.80
5.00	7.50	15.00	5.60	24.00	4.80
6.00	7.50	16.00	5.30	25.00	4.70
7.00	7.40	17.00	5.20	26.00	4.70
8.00	7.30	18.00	5.10	27.00	4.70
9.00	7.30				

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Lake # 622 26 SEP 83 (Day 269) Time: 11 00 CDT
Air Temperature: 19.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 5.6 (M)
Inflow Temperature:
Surface Temperature: 13.1 (C)
Epilimnion Temperature: 12.8 (C)
Planar-Thermocline : 9.125 (M)

Wind: SW 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 8.125 (M)
Change at Planar-Thermo: 3.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.10	9.00	9.80	15.00	5.50
1.00	12.80	9.25	9.00	16.00	5.30
2.00	12.40	9.50	8.40	17.00	5.20
3.00	12.30	9.75	7.90	18.00	5.00
4.00	12.20	10.00	7.50	19.00	4.90
5.00	12.20	10.25	7.20	20.00	4.90
6.00	12.10	10.50	6.90	21.00	4.90
7.00	12.10	10.75	6.70	22.00	4.70
8.00	11.60	11.00	6.50	23.00	4.60
8.25	11.20	12.00	6.20	24.00	4.60
8.50	10.70	13.00	5.90	25.00	4.60
8.75	10.40	14.00	5.60	26.00	4.60

Lake # 623 6 JUN 83 (Day 157) Time: 10 30 CDT
Air Temperature: 18 (C) Wind: S 20 - 40 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: YELLOW-GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 13.39 (C)
Epilimnion Temperature: 13.39 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 6.625 (M) Change at Planar-Thermo: 9.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.39	5.50	10.74	11.00	5.95
1.00	13.39	5.75	10.05	12.00	5.81
2.00	13.34	6.00	9.29	13.00	5.56
3.00	13.31	6.25	8.84	14.00	5.46
4.00	13.27	6.50	8.29	15.00	5.37
4.25	12.94	6.75	5.84	16.00	4.98
4.50	12.26	7.00	7.56	17.00	4.96
4.75	12.05	8.00	6.93	18.00	4.95
5.00	11.94	9.00	6.44	19.00	4.93
5.25	11.39	10.00	6.35		

Lake # 623 4 JUL 83 (Day 185) Time: 10 30 CDT
Air Temperature: 11 (C) Wind: SE 10 - 15 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4.8 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 18.5 (C)
Epilimnion Temperature: 18.55 (C) Epilimnion Depth (1 C/M): 3.875 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	18.50	5.25	13.85	9.00	6.45
1.00	18.55	5.50	13.35	10.00	6.00
2.00	18.55	5.75	12.60	11.00	5.70
3.00	18.55	6.00	12.15	12.00	5.35
3.25	18.50	6.25	10.90	13.00	5.30
3.50	18.50	6.50	10.35	14.00	5.10
3.75	18.45	6.75	9.20	15.00	5.00
4.00	17.35	7.00	8.65	16.00	4.95
4.25	17.00	7.25	8.00	17.00	4.90
4.50	16.20	7.50	7.85	18.00	4.90
4.75	15.65	7.75	7.50	19.00	4.80
5.00	15.05	8.00	7.20	19.50	4.80

Lake # 623 23 JUN 83 (Day 174) Time: 08 55 CDT
Air Temperature: 21 (C) Wind: 0 - 0 KMPH
Cloud Cover: 1 /10 Weather Description:
Secchi Visibility: 6 (M) Water Color: YELLOW
Inflow Temperature: Outflow Temperature:
Surface Temperature: 19.75 (C)
Epilimnion Temperature: 19.6 (C) Epilimnion Depth (1 C/M): 3.625 (M)
Planar-Thermocline : 6.125 (M) Change at Planar-Thermo: 5.200 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	19.75	5.25	14.60	9.00	7.20
1.00	19.60	5.50	14.10	10.00	6.80
2.00	19.60	5.75	13.50	11.00	6.50
3.00	19.10	6.00	12.70	12.00	6.30
3.25	18.90	6.25	11.40	13.00	6.00
3.50	18.70	6.50	10.90	14.00	5.80
3.75	18.30	6.75	10.30	15.00	5.70
4.00	17.70	7.00	9.80	16.00	5.60
4.25	17.10	7.25	9.20	17.00	5.50
4.50	16.60	7.50	8.80	18.00	5.50
4.75	16.10	7.75	8.20	19.00	5.50
5.00	15.60	8.00	7.80		

Lake # 623 20 JUL 83 (Day 201) Time: 15 15 CDT
Air Temperature: 27 (C) Wind: NE 5 - 10 KMPH
Cloud Cover: 8 /10 Weather Description:
Secchi Visibility: 4.6 (M) Water Color: GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 26.5 (C)
Epilimnion Temperature: 25.1 (C) Epilimnion Depth (1 C/M): .5 (M)
Planar-Thermocline : 5.625 (M) Change at Planar-Thermo: 5.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	26.50	5.50	16.50	8.75	7.70
1.00	25.10	5.75	15.10	9.00	7.50
2.00	24.70	6.00	14.00	10.00	7.00
3.00	24.10	6.25	13.10	11.00	6.70
3.25	23.60	6.50	12.30	12.00	6.40
3.50	23.20	6.75	11.40	13.00	6.20
3.75	22.60	7.00	10.80	14.00	6.00
4.00	21.50	7.25	10.40	15.00	5.90
4.25	20.80	7.50	9.80	16.00	5.80
4.50	20.20	7.75	9.50	17.00	5.80
4.75	19.30	8.00	9.00	18.00	5.70
5.00	18.30	8.25	8.50	19.00	5.70
5.25	17.50	8.50	8.00		

Lake # 623 1 AUG 83 (Day 213) Time: 08 51 CDT
Air Temperature: 23 (C)
Cloud Cover: 0 /10
Secchi Visibility: 6.3 (M)
Inflow Temperature:
Surface Temperature: 23 (C)
Epilimnion Temperature: 23 (C)
Planar-Thermocline : 4.875 (M)
Wind: NW 5 - 10 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 4.375 (M)
Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.00	6.00	14.50	9.00	7.80
1.00	23.00	6.25	13.70	10.00	7.00
2.00	23.00	6.50	13.20	11.00	6.60
3.00	23.00	6.75	12.30	12.00	6.30
4.00	23.00	7.00	11.40	13.00	6.10
4.25	22.80	7.25	10.80	14.00	5.90
4.50	22.40	7.50	10.10	15.00	5.80
4.75	21.00	7.75	9.60	16.00	5.70
5.00	19.30	8.00	9.20	17.00	5.70
5.25	17.90	8.25	8.60	18.00	5.60
5.50	16.70	8.50	8.40	19.00	5.50
5.75	15.60	8.75	8.10		

Lake # 623 29 AUG 83 (Day 241) Time: 09 45 CDT
Air Temperature: 21 (C)
Cloud Cover: 9 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 22.4 (C)
Epilimnion Temperature: 22.5 (C)
Planar-Thermocline : 5.875 (M)
Wind: SW 0 - 5 KMPH
Weather Description:
Water Color: GREEN
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 6.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.40	6.50	14.80	10.00	7.20
1.00	22.50	6.75	13.60	11.00	6.80
2.00	22.50	7.00	12.70	12.00	6.50
3.00	22.50	7.25	11.90	13.00	6.20
4.00	22.20	7.50	10.90	14.00	6.00
5.00	21.30	7.75	10.40	15.00	5.80
5.25	20.70	8.00	9.90	16.00	5.70
5.50	19.80	8.25	9.30	17.00	5.60
5.75	19.00	8.50	8.80	18.00	5.60
6.00	17.30	8.75	8.40	19.00	5.60
6.25	16.10	9.00	8.00	19.50	5.50

Lake # 623 17 AUG 83 (Day 229) Time: 09 52 CDT
Air Temperature: 24 (C)
Cloud Cover: 1 /10
Secchi Visibility: 6 (M)
Inflow Temperature:
Surface Temperature: 22.4 (C)
Epilimnion Temperature: 22.4 (C)
Planar-Thermocline : 5.375 (M)
Wind: S 5 - 10 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 5.125 (M)
Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.40	6.50	13.70	10.00	7.10
1.00	22.40	6.75	12.60	11.00	6.70
2.00	22.40	7.00	11.90	12.00	6.40
3.00	22.30	7.25	11.00	13.00	6.10
4.00	22.30	7.50	10.40	14.00	6.00
5.00	22.00	7.75	9.80	15.00	5.90
5.25	20.80	8.00	9.30	16.00	5.80
5.50	18.90	8.25	8.70	17.00	5.70
5.75	17.00	8.50	8.40	18.00	5.60
6.00	15.60	8.75	8.10	19.00	5.50
6.25	14.70	9.00	7.90		

Lake # 623 14 SEP 83 (Day 257) Time: 09 55 CDT
Air Temperature: 12 (C)
Cloud Cover: 1 /10
Secchi Visibility: 4.4 (M)
Inflow Temperature:
Surface Temperature: 16.4 (C)
Epilimnion Temperature: 16.4 (C)
Planar-Thermocline : 7.125 (M)
Wind: N 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:
Epilimnion Depth (1 C/M): 6.125 (M)
Change at Planar-Thermo: 7.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	16.40	7.00	13.20	11.00	6.10
1.00	16.40	7.25	11.30	12.00	5.80
1.00	16.40	7.50	10.90	13.00	5.60
3.00	16.40	7.75	10.10	14.00	5.30
4.00	16.40	8.00	9.30	15.00	5.10
5.00	16.40	8.25	8.70	16.00	5.00
6.00	16.40	8.50	8.10	17.00	5.00
6.25	15.90	8.75	7.70	18.00	4.90
6.50	15.70	9.00	7.30	19.00	4.90
6.75	14.20	10.00	6.50		

Lake # 623 26 SEP 83 (Day 269) Time: 09 15 CDT
Air Temperature: 15 (C)
Cloud Cover: 0 /10
Secchi Visibility: 5 (M)
Inflow Temperature:
Surface Temperature: 11.8 (C)
Epilimnion Temperature: 11.8 (C)
Planar-Thermocline : 9.625 (M)

Wind: 0 - 0 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 9.125 (M)
Change at Planar-Thermo: 4.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	11.80	9.00	10.60	12.00	6.40
1.00	11.80	9.25	10.10	13.00	6.10
2.00	11.80	9.50	9.50	14.00	5.90
3.00	11.70	9.75	8.50	15.00	5.70
4.00	11.60	10.00	7.50	16.00	5.60
5.00	11.50	10.25	7.20	17.00	5.50
6.00	11.50	10.50	7.00	18.00	5.50
7.00	11.30	10.75	6.80	19.00	5.40
8.00	11.00	11.00	6.70		

Lake # 629 7 JUN 83 (Day 158) Time: 10 30 CDT
Air Temperature: 12.5 (C)
Cloud Cover: 0 /10
Secchi Visibility: 3.8 (M)
Inflow Temperature:
Surface Temperature: 13.1 (C)
Epilimnion Temperature: 13 (C)
Planar-Thermocline : 4.875 (M)

Wind: NW 10 - 15 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.875 (M)
Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	13.10	5.00	10.60	7.00	7.20
1.00	13.00	5.25	9.40	8.00	6.80
2.00	12.90	5.50	9.10	9.00	6.50
3.00	12.80	5.75	8.70	10.00	6.30
4.00	12.70	6.00	8.20	11.00	6.00
4.25	12.70	6.25	7.90	12.00	6.10
4.50	12.70	6.50	7.60	13.00	6.00
4.75	12.60	6.75	7.40		

Lake # 623 24 OCT 83 (Day 297) Time: 09 44 CDT
Air Temperature: 7 (C)
Cloud Cover: 10 /10
Secchi Visibility: 3.6 (M)
Inflow Temperature:
Surface Temperature: 7.2 (C)
Epilimnion Temperature: 7.2 (C)
Planar-Thermocline : 14.5 (M)

Wind: S 15 - 20 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 18.75 (M)
Change at Planar-Thermo: 0.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.20	7.00	7.20	14.00	6.80
1.00	7.20	8.00	7.10	15.00	6.00
2.00	7.20	9.00	7.10	16.00	5.70
3.00	7.20	10.00	7.10	17.00	5.60
4.00	7.20	11.00	7.10	18.00	5.60
5.00	7.20	12.00	7.10	18.75	5.50
6.00	7.20	13.00	7.10		

Lake # 629 23 JUN 83 (Day 174) Time: 11 30 CDT
Air Temperature: 24 (C)
Cloud Cover: 2 /10
Secchi Visibility: 6.2 (M)
Inflow Temperature:
Surface Temperature: 20.4 (C)
Epilimnion Temperature: 19.5 (C)
Planar-Thermocline : 4.875 (M)

Wind: W 0 - 5 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.125 (M)
Change at Planar-Thermo: 6.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	20.40	5.25	10.90	10.00	6.60
1.00	19.50	5.50	10.60	11.00	6.40
2.00	19.30	5.75	10.30	12.00	6.20
3.00	19.00	6.00	9.50	13.00	6.00
3.25	17.90	6.50	9.00	14.00	5.90
3.50	17.10	6.75	8.70	15.00	5.80
3.75	16.50	7.00	8.30	16.00	5.70
4.00	16.00	7.25	7.80	17.00	5.70
4.25	14.90	7.50	7.70	18.00	5.60
4.50	13.50	8.00	7.50	19.00	5.60
4.75	12.70	9.00	7.00	20.00	5.60
5.00	11.20				

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Lake # 629 5 JUL 83 (Day 186) Time: 09 20 CDT
Air Temperature: 14 (C)
Cloud Cover: 2 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 17.6 (C)
Epilimnion Temperature: 17.7 (C)
Planar-Thermocline : 4.875 (M)

Wind: SE 10 - 15 KMPH
Weather Description:
Water Color: YELLOW-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.625 (M)
Change at Planar-Thermo: 8.000 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	17.60	5.50	11.60	11.00	6.50
1.00	17.70	5.75	10.90	12.00	6.20
2.00	17.70	6.00	10.40	13.00	6.00
3.00	17.70	6.25	9.80	14.00	5.90
4.00	17.70	6.50	9.30	15.00	5.80
4.25	17.60	6.75	8.90	16.00	5.70
4.50	17.40	7.00	8.50	17.00	5.60
4.75	15.60	8.00	7.60	18.00	5.60
5.00	13.60	9.00	7.00	19.00	5.50
5.25	12.60	10.00	6.70		

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Lake # 629 2 AUG 83 (Day 214) Time: 10 45 CDT
Air Temperature: 24 (C)
Cloud Cover: 9 /10
Secchi Visibility: 4 (M)
Inflow Temperature:
Surface Temperature: 23.4 (C)
Epilimnion Temperature: 23.3 (C)
Planar-Thermocline : 4.375 (M)

Wind: SW 20 - 25 KMPH
Weather Description:
Water Color: YELLOW
Outflow Temperature:

Epilimnion Depth (1 C/M): 4.125 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	23.40	5.75	12.40	10.00	6.80
1.00	23.30	6.00	11.50	11.00	6.40
2.00	23.30	6.25	10.50	12.00	6.20
3.00	23.20	6.50	10.10	13.00	6.00
4.00	22.80	6.75	9.60	14.00	5.80
4.25	22.30	7.00	9.30	15.00	5.70
4.50	19.60	7.25	9.00	16.00	5.60
4.75	18.20	7.50	8.50	17.00	5.60
5.00	16.40	7.75	8.30	18.00	5.50
5.25	14.90	8.00	8.00	18.50	5.40
5.50	13.60	9.00	7.30		

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Lake # 629 21 JUL 83 (Day 202) Time: 10 38 CDT
Air Temperature: 25 (C)
Cloud Cover: 2 /10
Secchi Visibility: 4.3 (M)
Inflow Temperature:
Surface Temperature: 24.4 (C)
Epilimnion Temperature: 24.4 (C)
Planar-Thermocline : 4.875 (M)

Wind: SE 20 - 25 KMPH
Weather Description:
Water Color: ORANGE-BROWN
Outflow Temperature:

Epilimnion Depth (1 C/M): 3.625 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	24.40	5.00	14.70	10.00	6.90
1.00	24.40	5.25	13.70	11.00	6.50
2.00	24.40	5.50	12.90	12.00	6.30
3.00	24.00	5.75	11.60	13.00	6.10
3.25	23.90	6.00	10.80	14.00	6.00
3.50	23.90	6.25	10.30	15.00	5.90
3.75	23.00	6.50	9.90	16.00	5.80
4.00	21.90	6.75	9.50	17.00	5.60
4.25	19.30	7.00	9.00	18.00	5.60
4.50	18.50	8.00	8.10	19.00	5.50
4.75	17.90	9.00	7.50	20.00	5.50

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Lake # 629 17 AUG 83 (Day 229) Time: 09 00 CDT
Air Temperature: 21 (C)
Cloud Cover: 0 /10
Secchi Visibility: 4.8 (M)
Inflow Temperature:
Surface Temperature: 22.9 (C)
Epilimnion Temperature: 22.5 (C)
Planar-Thermocline : 4.875 (M)

Wind: S 10 - 15 KMPH
Weather Description:
Water Color: YELLOW-ORANGE
Outflow Temperature:

Epilimnion Depth (1 C/M): 2.5 (M)
Change at Planar-Thermo: . (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.90	5.75	11.90	9.00	6.75
1.00	22.50	6.00	11.10	10.00	6.25
2.00	22.50	6.25	10.60	11.00	5.90
3.00	21.40	6.50	9.60	12.00	5.70
4.00	21.30	6.75	9.20	13.00	5.40
4.25	21.30	7.00	8.60	14.00	5.25
4.50	21.30	7.25	8.20	15.00	5.10
4.75	20.40	7.50	7.90	16.00	5.00
5.00	17.50	7.75	7.60	17.00	4.95
5.25	15.50	8.00	7.40	18.00	4.90
5.50	13.25				

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Lake # 629 30 AUG 83 (Day 242) Time: 09 26 CDT
Air Temperature: 22 (C) Wind: 0 - 5 KMPH
Cloud Cover: Weather Description:
Secchi Visibility: Water Color:
Inflow Temperature: Outflow Temperature:
Surface Temperature: 22 (C)
Epilimnion Temperature: 22 (C) Epilimnion Depth (1 C/M): 4.125 (M)
Planar-Thermocline : 5.375 (M) Change at Planar-Thermo: 8.400 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	22.00	6.00	14.10	9.00	7.70
1.00	22.00	6.25	12.80	10.00	7.10
2.00	21.90	6.50	11.70	11.00	6.70
3.00	21.90	6.75	11.00	12.00	6.30
4.00	21.80	7.00	10.50	13.00	6.10
4.25	21.40	7.25	10.20	14.00	5.90
4.50	21.20	7.50	9.60	15.00	5.80
4.75	20.90	7.75	9.30	16.00	5.70
5.00	20.40	8.00	8.90	17.00	5.60
5.25	18.90	8.25	8.60	18.00	5.50
5.50	16.80	8.50	8.20	19.00	5.50
5.75	15.60	8.75	7.90	19.50	5.40

Lake # 629 25 OCT 83 (Day 298) Time: 09 45 CDT
Air Temperature: 2 (C) Wind: W 0 - 5 KMPH
Cloud Cover: 10 /10 Weather Description:
Secchi Visibility: 4 (M) Water Color: PALE -GREEN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 7 (C)
Epilimnion Temperature: 7 (C) Epilimnion Depth (1 C/M): 18.5 (M)
Planar-Thermocline : 15.5 (M) Change at Planar-Thermo: 0.600 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	7.00	7.00	7.00	14.00	6.90
1.00	7.00	8.00	7.00	15.00	6.40
2.00	7.00	9.00	7.00	16.00	5.80
3.00	7.00	10.00	7.00	17.00	5.60
4.00	7.00	11.00	7.00	18.00	5.60
5.00	7.00	12.00	7.00	18.50	5.50
6.00	7.00	13.00	7.00		

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Lake # 629 27 SEP 83 (Day 270) Time: 00 11 CDT
Air Temperature: 20.5 (C) Wind: S 0 - 5 KMPH
Cloud Cover: 0 /10 Weather Description:
Secchi Visibility: 3.8 (M) Water Color: YELLOW-BROWN
Inflow Temperature: Outflow Temperature:
Surface Temperature: 12.1 (C)
Epilimnion Temperature: 11.6 (C) Epilimnion Depth (1 C/M): 9.125 (M)
Planar-Thermocline : 9.375 (M) Change at Planar-Thermo: 4.800 (C/M)

DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)	DEPTH (M)	TEMPERATURE (C)
0.00	12.10	9.00	9.70	12.00	5.90
1.00	11.60	9.25	9.10	13.00	5.60
2.00	11.40	9.50	7.90	14.00	5.40
3.00	11.30	9.75	7.60	15.00	5.30
4.00	11.20	10.00	7.20	16.00	5.20
5.00	10.70	10.25	6.80	17.00	5.20
6.00	10.60	10.50	6.60	18.00	5.10
7.00	10.50	10.75	6.20	18.50	4.90
8.00	10.20	11.00	6.00		

Printed in Canada by
Supply and Services Canada
Printing Office
for exclusive distribution by
Fisheries and Oceans
Freshwater Institute
Winnipeg, Manitoba
Canada